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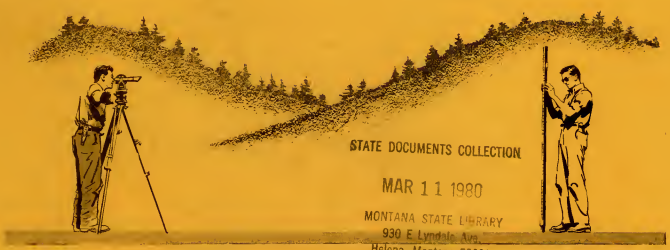
MONTANA HIGHWAY DEPARTMENT



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FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

March 3, 1980

PLEASE RETURN

LEGEND
DISTRICT BOUNDARY
DIVISION BOUNDARY
5 DISTRICT NUMBER
BILLINGS — DISTRICT HEADQUARTERS
WOLF POINT — DIVISION HEADQUARTERS
APPROVED OCTOBER 1, 1956
PAUL M. JOHNSON
STATE HIGHWAY ENGINEER
MAP OF
MONTANA
CONSTRUCTION
DISTRICTS
& DIVISIONS

RECEIVED
MAR 3 1980
CONSTRUCTION BUREAU

MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

FEBRUARY 29, 1980

Montana Department of Highways
Helena, Montana

Progress Report

GENERAL

Skies have been partially overcast during the past period. Temperatures from 0° to 45°. Highways are in fair to good driving condition.

PRECONSTRUCTION

FF 5-1(01)07, Evaro Hill - North & South
Length - 13.0 Miles

Charles Hegman, FPM
Missoula, MT
Phone 549-6491

One man is in the office checking the adjusted coordinate sheets. Work on the traverse is about 98% complete with 126½ man days used through February 27, 1980.

F 6-1(6)31, Trout Creek, B.N. Underpass
Length - 0.6 Mile

John Miner, FPM
St. Regis, MT
Phone 649-2460

The field work portion of the project is now complete. The hardshell and profile will be plotted as personnel become available.

F 6-1(5), Thompson Falls - East
Length - 3.4 Miles, Preliminary Engineering

John Miner, FPM
St. Regis, MT
Phone 649-2460

Five man engineering crew on project working 5-8 hr. shifts. Line is 100% run. From 0+00 to 180+00. Line is 15% of Total Project. Levels are 100% complete which are about 5% of project. Cross sectioning has begun which constitutes about 30% of project. 10% ownerships are checked which amounts to about 2% of project.

F 6-1(3)107, Dixon - Ravalli
Length - 8.5 Miles, Preliminary Engineering

Jerry Roat, FPM
Kalispell Division

Work is now underway.

F 7-1(9)22, Darby - North & South
Length - 17 Miles

Allan Dutton, FPM
Hamilton, MT
Phone 363-4420

Four man crew has established 17 miles of centerline and traverse closure lines. 3 man crew using E.D.M. measured distance on centerline and traverse line. 1 man in office checking angles and computing closures.

FF 7-1(1)11, Florence - Lolo, Add 2 Lanes

Jim Smith, Designer III
Missoula, MT
Phone 549-6491

Personnel on other projects. No work on this project design this period.

RS 263-1(4)1, Mullan Road - Missoula
Length - 0.9 Miles

Jim Smith, Designer III
Missoula, MT

Work this past period consisted of line projections, grade changes, and re-templating. Design is 31% complete. Personnel on other assignments.

S 263-1(4), Mullan Road - Missoula
Length - 5.3 Miles

James Williams, FPM
Missoula, MT
Phone 549-6491

The field notes were submitted to Helena December 12, 1979.

S 269-1(01), State 269 - Stevensville
Length - 0.8 Miles

Jim Smith, Designer III
Missoula, MT

A preliminary P.I.H. and a Public Hearing was held on the project on February 27, 1980.

M 8199(2), U-3, Int. - Grant St. & South Ave.
Missoula

James Williams, FPM
Missoula, MT
Phone 549-6491

A three man survey crew has been taking topog the past week. Topog work is 80% complete.

C O N S T R U C T I O N

I 90-1(78)11, Saltese - DeBorgia
Length - 10.8 Miles
PMS, PCCP & Related Items
Contract Let - April 28, 1977
Amount of Contract - $6,244,632.55
Work Proceed Date - May 24, 1977
Work Started - June 8, 1977

Peter Kiewit Sons' Company
Billings, MT, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 240 Working Days
Completion Date - October 29, 1979
Effective Opening Date - 11/29/78

Two engineers are working on final quantities.

I 90-1(77)22, U-6, Drexel - East & West
Length - 1.207 Miles
Construction of End Bents & Composite Steel and Concrete Girder Bridges
Contract Let - May 26, 1977
Amount of Contract - $1,232,649.35
Work Proceed Date - June 24, 1977

McIntyre Construction Co. &
S. Birch, Inc., Great Falls, MT
Larry Chezik, FPM
St. Regis, MT, Phone 649-2479
Contract Time - 175 Working Days
Completion Date - 8/14/79
Effective Opening Date - 11/8/79

The final estimate is being checked in the Glendive Division.

I 90-1(77)22, U-7, Drexel - East & West
Length - 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract Let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed Date - May 22, 1978
Work Started - May 22, 1978

Rehbein Contracting, Inc.
Plains, MT, Contractor
James Cyr, FPM
St. Regis, MT, Phone 649-2601
Contract Time - 300 Working Days
Probable Completion Date - Aug. 1980
Effective Opening Date - _____

Construction operations are suspended, due to weather conditions. The project is 83% complete with 82% of the contract time elapsed. Percentages complete for Major Bid Items are as follows: Excav. Unclass. is 99%; Base Crse. 1" Gr. 6A 100%; Base Crse. 1½" Gr. 5A 27%; Plant Mix Bit. Surf. Gr. B 49%; and Plant Mix Bit. Base 1" Gr. 2 56%.

I-IG 90-1(61)27, U-2, St. Regis - East & West
Length - 212.5 Ft. Prestress Concrete
Girder Bridges over St. Regis River
78.0 Dual Separation Street
Contract Let - June 22, 1978
Amount of Contract - $633,002.62
Work Proceed Date - July 14, 1978
Work Started - July 19, 1978

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2479
Contract Time - 160 Working Days
Completion Date - Sept. 11, 1979
Effective Opening Date - _____

The final estimate has been shipped to the Glendive Division for checking.

I-IG 90-1(61)27, U-3, St. Regis - East & West
Structures & Detour
Dual 285 Ft. Prestressed Concrete
Girder Bridges
Amount of Contract - $2,009,230.57
Work Proceed Date - April 16, 1979
Work Started - March 6, 1979

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2479
Contract Time - 240 Working Days
Probable Completion Date - June 1980
Effective Opening Date - _____

The project is shut down for the winter. Construction layout is 90% complete; 63% of the contract time has elapsed; and the contract as a whole is 73% complete.

I-IG 90-1(61)27, U-4, St. Regis - East & West
Dual 402.33 Ft. & A Dual 413.0 Ft.
Composite Steel & Concrete Girder Bridges
A Detour Road & Railroad Relocation
Amount of Contract - $2,830,789.54
Work Proceed Date - May 2, 1979
Work Started - April 18, 1979

General Construction Company
Butte, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2479
Contract Time - 350 Working Days
Probable Completion Date - Aug. 1981
Effective Opening Date - _____

Back filled and pulled cofferdam on Pier #3 E.B. 415 and Pier #4 W.B. 406. Poured cap on Pier #2 W.B. 406. Construction layout is 70% complete; 38% of the contract time has elapsed; and the contract as a whole is 26% complete. 4 engineers and 14 men are working 5/8 hr. shifts per week.

I-IG 90-1(61)27, U-5, St. Regis - East & West
Dual 889.23 Ft. Composite Steel &
Cone, Girder-Bridge
Amount of Contract - $4,964,536.10
Work Proceed Date - July 27, 1979
Work Started - July 18, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Larry Chezik, FPM
St. Regis, MT, Phone 649-2479
Contract Time - 410 Working Days
Probable Completion Date - June 1981
Effective Opening Date - _____

Progress has been fair since the last report. Concrete has been placed in Pier 6 EB footing, Pier 6 WB seal, Bent 2 EB columns. Backfill is completed for Bent 3 WB. All of the pile has been driven. The project as a whole is 34% complete, with 19% of the contract time used.

I-IG 90-1(61)27, U-6, St. Regis - East & West
Length - 7.6 Miles
Grading, Agg. Surf. P.M. Surf, Seal & Cover
Amount of Contract - $5,074,098.62
Work Proceed Date - Sept. 24, 1979
Work Started - Sept. 17, 1979

Rehbein Contracting, Inc.
Plains, MT, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 200 Working Days
Probable Completion Date - Dec. 1981
Effective Opening Date - _____

Work accomplished by the contractor for the last period is as follows: Built haul road left of PTW Station 345+00. Excavation was hauled from PTW Station 345 with the fill being placed between Stations 488 and 498 and between Stations 512 and 521. Additional top soil was stockpiled between Stations 512 and 521. Inclement weather forced partial shutdowns during the period. 41 people were intermittently employed by the contractor, during the period, with work being scheduled for 19 shifts hauling Unclassified Excavation, with additional shifts assigned to the cut area only. 38 of the allotted 200 working days have been used to date, making 19% of the contract time elapsed. Grading items are now 40% complete. Drainage items are 11% complete, and the project as a whole is 27% complete. Five employees are presently assigned to the project. Additional culverts were staked and designed, during the period, and numerous field notes were brought up to date and checked. Construction layout is 45% complete.

I 90-1(59)35, U-1, St. Regis - East
Length - 3.6 Miles, GR-Add, Surf. - PMB
Sign & Flasher Installation
Amount of Contract - $2,823,425.90
Work Proceed Date - April 18, 1977
Work Started - January 25, 1977

Washington Construction Company
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 220 Working Days
Completion Date - 6/5/79
Effective Opening Date - 9/18/79

The final estimate should be submitted to the Division Office about March 21, 1980.

I 90-1(83)35, St. Regis - East
PCCP & Related Items
Amount of Contract - $1,661,621.92
Work Proceed Date - September 15, 1978
Work Started - June 28, 1979

Northwest Construction, Inc.
Kirkland, Washington, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 150 Working Days
Probable Completion Date - July 1980
Effective Opening Date - N/A

The project is shut down for the winter. The engineering crew is working on other projects. The project remains 96% complete with 97% of the contract time elapsed. Construction layout is 96% complete.

I 90-1(57)39, U-1, Sloway - E & W
Dual 1092.0 Ft. Composite Steel & Conc.
Girder Bridges
Amount of Contract - $6,532,574.74
Work Proceed Date - October 26, 1979
Work Started - October 26, 1979

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2479
Contract Time - 410 Working Days
Probable Completion Date - Nov. 1981
Effective Opening Date - _____

The contractor has placed concrete in Abutment #1 EB footings and also has poured columns on Bent #7 EB as well as the Median Retaining Wall Columns. The cofferdams have been driven for Piers 6 EB and WB and the contractor is currently excavating Pier 6 WB with anticipation of pouring a seal later this week. Construction layout is 70% complete; 4% of the contract time has elapsed; and the contract as a whole is 4% complete. 2 engineers and 13 men are employed working 5/8 hr. shifts per week.

I 90-1(57)39, U-2, Sloway - E & W
Dual 1214.0 Ft. Composite Steel & Conc.
Girder Bridges and 1.6 Miles Grading, Agg.
Surf. & PM Bit. Surf.
Amount of Contract - $9,917,560.79
Work Proceed Date - April 16, 1980
Work Started - January 15, 1980

Sletten Construction Company
Great Falls, MT, Contractor
George Roat, FPM
Alberton, Mt, Phone 649-2479
Contract Time - 450 Working Days
Probable Completion Date - Oct. 1981

Work during the past weeks has consisted of excavating for footings at Bent 3 WB, Bent 4 WB, Bent 3 EB and Bent 5 EB. A cofferdam has been set and excavation in progress at Bent 5 WB. Test piling have been driven at Bent 3 WB and Bent 5 EB. Driving steel service piling has been completed at Bent 3 EB and the contractor is presently driving service pile at Bent 5 EB. 14 men are presently employed for 5/8 hr. shifts. The project is 2% complete with 0% contract time elapsed. The contractor has been moving in equipment in preparation for starting excavation in the cut at Station 955± to 960±. A five man survey crew has been slope staking.

IR 90-1(88)39, U-1
Replacement of Sliding Plate
Expansion Joints
Amount of Contract - $376,873.00
Work Proceed Date - June 4, 1979
Work Started - July 17, 1979

Inland Asphalt Company
Spokane, Washington, Contractor
Cliff Neiffer, FPM
Missoula, MT, Phone 549-6491
Probable Completion Date - May 1980
Effective Opening Date - N/A

No progress. No further work will be done until weather conditions become favorable in the spring of 1980. The project remains 44% complete with 46% of the contract time elapsed. Construction layout is 50% complete.

I-IG 90-1(67)64, U-1, Tarkio - East
867 Ft. Composite Steel &
Concrete Girder Bridges
Amount of Contract - $2,589,729.30
Work Prcceed Date - April 16, 1979
Work Started - March 9, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 280 Working Days
Probable Completion Date - Sept. 1980
Effective Opening Date - _____

Removed work bridge 90%; adjusting nets under structural steel. Construction layout is 95% complete; 54% of the contract time has elapsed; and the contract as a whole is 80% complete. 3 engineers and 0 to 7 men are working 0 to 5/8 hr. shifts per week.

I-IG 90-1(67)64, U-2, Tarkio - East
781.0 Ft. Composite Steel &
Concrete Girder Bridge
Amount of Contract - $2,460,638.15
Work Proceed Date - April 16, 1979
Work Started - March 13, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Ray Hoffman, FPM
Alberton, MT, Phone 722-4961
Contract Time - 300 Working Days
Probable Completion Date - Sept. 1980
Effective Opening Date - _____

Work during the past period consisted of placing Class DDA concrete for the cap

at Pier #3, and placing the first lift of columns and tie beam at Pier 4. Backfilling and cofferdam removal work has been in progress at Pier No. 4. Construction layout is 47% complete; contract time elapsed is 50%; and the contract as a whole is 43% complete. Two engineers and 12 men are employed working 5/8 hr. shifts per week.

I-IG 90-1(67)64, U-3, Tarkio - East
329.0' Bridge, 142.25' Bridge &
199.5' Bridge Approaches
Amount of Contract - $1,050,075.80
Work Proceed Date - September 25, 1979
Work Started - November 14, 1979

General Construction Company
Butte, MT, Contractor
Albert W. Bonner, FPM
Contract Time - 195 Working Days
Probable Completion Date - Nov. 1980
Effective Opening Date - N/A

Progress has been fair this period due to cold weather and illness (flu). General Const. Co. has employed 6 to 8 men 40 hours/week and 8 hours/day. Deb-Wall (sub) has employed 1 & 2 men intermittently as reinforc. steel was needed. At Station 402+23.5 concrete has been placed at bents 1, 2 & 5 thru the cap beams and bents 3, 4 thru the columns. At Station 594+55.25 footings have been excavated at Bent 1. Reinforcing steel is being prefabed & yarded. Pay Items are complete as follows: Traffic Control Devices 94%; Mobilization 50%; Class AD Conc. 40%; Struct. Exc. 39%; Reinf. Steel 20%; Cost of Training Program 45%. At the close of work 3/1/80, 2 working days or 1% of the total 195 working days have been used. The project as a whole is 12% complete with 1% of the total time used.

I-IG 90-1(67)64, U-4, Tarkio - East
447.5 Ft. Composite Girder Overpass
Amount of Contract - $785,234.94
Work Proceed Date - October 26, 1979
Work Started - October 16, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 180 Working Days
Effective Opening Date - _____

Contractor has been setting cap forms at Bents 2 & 3; ready to place concrete in crash wall. 8% of the contract time has elapsed; and the contract as a whole is 15% complete. 3 engineers and 0-6 men have been employed working 0-5/8 hr. shifts per week.

I-IG 90-1(67)64, U-5, Tarkio - East
Length - 10.6 Miles
Grading, Agg. Surf., P.M. Surf.

Jerry Tahija, FPM
Alberton, MT, Phone 722-4961

Bids were opened February 28, 1980. Eight engineers are running centerline. Three engineers are working in the office.

I 90-1(70)76, Alberton - East
I 90-2(51)78, U-1, Huson - West
Length - 6.0 Miles
Grading, Agg. Surf. P.M. Fencing
Amount of Contract - $2,796,608.96
Work Proceed Date - April 17, 1978
Work Started - February 21, 1978

Hilde Construction Company
Great Falls, MT, Contractor
Jerry Tahija, FPM
Alberton, MT, Phone 722-4961
Contract Time - 180 Working Days
Completion Date - 6/27/79
Effective Opening Date - 5/18/79

One engineer personnel is working on final quantities.

IR 90-1(85)75, Alberton - West
IR 90-2(65)78, Alberton - East
Length - 4.5 Miles
Plant Mix Surfacing
Amount of Contract - $718,460.85
Work Started - July 7, 1979

Rehbein Contracting, Inc.
Plains, MT, Contractor
Jerry Tahija, FPM
Alberton, MT, Phone 722-4961
Contract Time - 60 Working Days
Completion Date - Sept. 14, 1979
Effective Opening Date - N/A

Final estimate is in the Division Office for checking.

IR 90-2(68)80, Huson - West
Length - 1.6 Miles
PMS Overlay

Jerry Tahija, FPM
Alberton, MT, Phone 722-4961

Bids were opened February 28, 1980.

IR 90-3(47)152, Drummond - East
Length - 12.3 Miles
Plant Mix Overlay
Amount of Contract - $2,723,002.39
Work Proceed Date - August 24, 1979
Work Started - October 11, 1979

Meyer Construction Company
Billings, MT, Contractor
Charles Hegman, FPM
Missoula, MT, Phone 549-6491
Contract Time - 120 Working Days
Completion Date - Aug. 1980
Effective Opening Date - N/A

The contractor ceased the crushing operations for the winter on November 16, 1979 at the end of the day. No State employees working on the project. Construction layout is 15% complete. The contract as a whole is 3% complete.

HES 5-1(3)13, HES 5-2(12)20
HES 5-2(11)27, & HES 7-1(17)76
Safety Improvements
Amount of Contract - $184,883.35
Work Proceed - July 27, 1979
Work Started - August 28, 1979

Rehbein Contracting
Plains, MT, Contractor
Julian Hughes, FPM
Missoula, MT, Phone 549-6491
Contract Time - 60 Working Days
Probable Completion Date - May 1980
Effective Opening Date - N/A

The contractor will be required to correct paving & striping deficiencies in the spring. The construction layout is 100% complete; 100% of the contract time has elapsed. The contract as a whole is 99% complete.

FF 7-1(2)46, U-1, Hamilton - North
55 Ft. Concrete Girder Bridge &
Detour
Amount of Contract - $363,507.70
Work Proceed Date - April 16, 1979
Work Started - March 19, 1979

Frontier-West, Inc.
Missoula, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 150 Working Days
Probable Completion Date - June 1980

No work has been done on this job for the past couple of weeks. Construction layout is 99% complete; 68% of the contract time has elapsed; and the contract as a whole is 95% complete.

FF 7-1(2)46, U-2, Hamilton - North
Length - 1.7 Miles
Grade, Agg. Surf. & PMS
Amount of Contract - $1,343,518.64
Work Proceed Date - April 16, 1980

Clark Brothers, Contractors
Victor, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 120 Working Days

Contractor began work on job February 20, 1980, installing 30" pipe in storm drain outfall ditch. 5 men are on construction crew, 1 inspector and 5 men staking pipe one day.

FF 7-2(4)90, U-2, Brooks & Reserve St.
Installation of Traffic Signals & Lighting
Contract Let - May 31, 1979
Amount of Contract - $62,955.19
Work Proceed Date - June 29, 1979
Work Started - July 9, 1979

Northern Rockies Construction
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 25 Working Days
Completion Date - 8/6/79
Effective Opening Date - N/A

The final should be submitted to the Division Office about March 14, 1980.

F 41-1(4)20, Avon - Helmville
Plant Mix Paving
Length - 7.8 Miles
Amount of Contract - $806,246.62
Contract Let - December 14, 1978
Work Started - April 13, 1979

Meyer Construction Company
Billings, MT, Contractor
Jerry Tahija, FPM
Alberton, MT, Phone 722-4961
Contract Time - 75 Working Days
Completion Date - 10/25/79

The final estimate is in the Division Office for checking.

F 71-1(2)0, West Broadway - Missoula
Length - 0.7 Miles
Grading, Agg. Surf.. P.M. Surfacing
Seal, Cover, & Signing
Amount of Contract - $413,286.30
Contract Let - December 14, 1978
Work Started - May 11, 1979

American Asphalt, Inc.
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 70 Working Days
Completion Date - 10/25/79
Effective Opening Date - N/A

One engineer is working part time on the final estimate. The final estimate should be submitted to the Division Office on about March 14, 1980.

F 93-1(1)0, U-2, Lookout Pass - Lolo
Length - 16.5 Miles
Plant Mix Overlay
Contract Let - June 22, 1978
Amount of Contract - $2,046,525.80
Work Started - August 16, 1978

Zook Brothers Construction Company
Great Falls, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 120 Working Days
Completion Date - October 26, 1979
Effective Opening Date - N/A

The final estimate is being checked in the Division Office.

RS-DP 224(14), U-2, Reserve Street
Length - 148 Ft. Concrete Girder Overpass
Over C.M. St. P. & P. Railroad Approaches
& Fencing
Amount of Fencing - $360,910.77
Contract Awarded - May 2, 1977
Contract Let - April 28, 1977
Work Proceed Date - May 23, 1977

General Construction Company
Butte, MT, Contractor
Chuck Hegman, FPM
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 105 Working Days
Completion Date - 7/6/79
Effective Opening Date - 7/15/79

The final estimate will be submitted to the Division Office about March 31, 1980.

RS-DP 224(14), U-3, Reserve Street
Length - 33.14 Ft. Prestressed Concrete
Girder Bridge
Amount of Contract - $635,990.40
Contract Let - October 27, 1977
Work Proceed Date - April 17, 1978
Work Started - November 22, 1977

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Missoula, MT, Phone 549-6491
Completion Date - October 6, 1978
Effective Opening Date - 6/15/79

The final estimate will be submitted to the Division Office about March 31, 1980.

RS-DP 224(14), U-4, Reserve Street
Length - 1.3 Miles
Grade, Agg. Surf. CTB, Concrete
Paving & Traffic Control
Amount of Contract - $1,569,222.20
Work Proceed Date - April 21, 1978
Work Started - April 24, 1978

Peter Kiewit Sons' Company
Billings, MT, Contractor
Charles Hegman, FPM
Missoula, MT, Phone 549-6491
Contract Time - 140 Working Days
Probable Completion Date - Aug. 1979
Effective Opening Date - 6/15/79

The final estimate will be submitted to the Division Office about March 31, 1980.

TQS 271-2(1)21, Helmville - Montana 141
Length - 0.7 Mile, Grading, Roadway Stabiliz-
ation of Fabric & Gravel
Amount of Contract - $111,856.00
Work Started - July 16, 1979
Work Proceed Date - May 31, 1979

Meyer Construction Company
Billings, MT, Contractor
Jerry Tahija, FPM
Alberton, MT, Phone 722-4961
Contract Time - 45 Working Days
Completion Date - 10/25/79

Final estimate submitted to Helena February 8, 1980.

M 8103(2), U-2, South Ave. & Reserve Street
Traffic Signals & Lighting
Contract Let - September 28, 1978
Amount of Contract - $89,992.60
Work Proceed Date - October 25, 1978
Work Started - November 2, 1978

Long Construction Company, Inc.
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 40 Working Days
Completion Date - 8/30/79
Effective Opening Date - N/A

The final estimate will be submitted to the Division Office about March 21, 1980.

M 8105(4), U-2, Intersection 3rd & Russell
Traffic Signals, Signing, Street Widening
Surfacing & lengthen Conc. Box
Contract Let - May 31, 1979
Amount of Contract - $369,304.05
Work Proceed Date - June 29, 1979
Work Started - October 29, 1979

American Asphalt, Inc.
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 80 Working Days
Probable Completion Date - May 1980

The contractor has completed the box culvert and is working on backfill of the box culvert. The contractor plans to start on the signal the first part of April. Progress has been fair. Construction layout is 40% complete. Major Contract Items complete are: Concrete Class AD 95% and Plant Mix Bit. Surf. Gr. C 0%. 1-2 engineers and 5-7 men are employed working 3/8 hr. shifts per week.

M 8117(1), Intersection of Higgins & South
Installation of Traffic Signals, Inter-
section Improvements & Landscaping
Contract Let - December 14, 1978
Amount of Contract - $105,102.59
Work Proceed Date - April 16, 1979
Work Started - October 3, 1979

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 45 Working Days
Probable Completion Date - May 1980
Effective Opening Date - N/A

Construction layout is 90% complete; 50% of the contract time has elapsed; and the contract is 85% complete. The engineering crew is working on other projects.

M 8199(7), U-1, Int. of Russell & 39th St.
Traffic Signals & Signing
Amount of Contract - $145,080.91
Work Proceed Date - April 15, 1980
Work Started -

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 45 Working Days
Probable Completion Date - May 1980
Effective Opening Date - _____

The project was awarded on October 31, 1979. The preconstruction conference has not been held.

SMP 2099-80, Crushing & Stockpiling
from six crusher setups in Granite, Lake, Mineral
Missoula and Sanders Counties
Contract Let - January 31, 1980
Contract Awarded - February 4, 1980
Work Proceed Date - February 25, 1980

Washington Construction Co.
Missoula, MT, Contractor
Dwight Lohn, Materials Supervisor
Contract Time - 100 Working Days

Contractor is in the process of acquiring clean air permits and filing reclamation plans. Proceed Work Order calls for time assessment to begin on February 25, 1980.

SMP 3299-79, Missoula & Ravalli Counties
Crushing & Stockpiling materials from
6 Crusher Setups
Contract Let - March 29, 1979
Amount of Contract - $195,340.00
Work Proceed Date - April 25, 1979
Work Started - August 7, 1979

Clark Brothers, Contractors
Victor, MT, Contractor
Dwight Lohn, Materials Supervisor
Contract Time - 75 Working Days
Completion Date - Nov. 13, 1979

The final estimate is in the Division Office for checking

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: WN: cdj

cc: Division File

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

FEBRUARY 29, 1980

RECEIVED
MAR 3 1980
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending February 29, 1980.

G E N E R A L

Progress has been fair with variable weather of seasonal or above average temperatures with periods of intermittent snow and rain. Day time temperatures ranged from +25° to +45° with night temperatures from +10° to +28°. Highways are in average early spring driving condition.

P R E - C O N S T R U C T I O N

HHS-1-1(02) Libby-Kalispell
Elk Hill-Lion Springs Safety
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - September 30, 1980

Four man days were worked the past period on cross sections and grade revisions. Seventy-three man days have been used to date on design, which is approximately 11% complete.

HHS-1-2(4)109 Kila-West
Fencing High Hazard Area
Length - 2.4 Miles
Scheduled for April 1980 Letting

Gene Piedalue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754

No work the past period.

F-38-1(03) Columbia Falls East & West
Length - 4.7 Miles
Design Started - January 14, 1975

Loren Dollan, Designer III
Phone: 755-5717
Est. Comp. Date - February 7, 1980

The completed field design was submitted to Helena on February 7, 1980. 435 man days were used on design, This will be the final report.

F-1-2(3)148 Unit 2 & LSF-1-257(5)
Coram-West Glacier Section
Length - 3.7 Miles
Contract Let - November 29, 1979
Contract Not Awarded to Date

Gene Piedlaue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754

A five man survey crew spent 15 days slope staking, making mainline 100% complete. Contract award is pending outcome of litigation.

Utilities (Original 4.8 Miles) Note: All utilities are complete relative to unit 2 project.

Montana Power Co. - The portion required for Unit 1 clearing and grubbing contract completed. No work has been done in the area of the West Glacier outfall sewer line as yet. Right of way has now been acquired and work by Montana Power will resume next spring when weather breaks. Relocation remains 65% complete with July 1, 1980 estimated for completion.
Northwestern Telephone Systems, Mountain States Telephone and Burlington Northern, Inc. 100% complete.
Flathead Electric Co-op - Contractor, Harp Line Constructors, suspended work pending settlement of remaining right of way. With right of way acquisition now complete, work is expected to resume next spring on the underground tie in of the West Glacier loop feed. Relocation remains 90% complete with July 1, 1980 estimated for completion.

F-1-2(1)142 & LSF-1-257(5)
Hungry Horse-Coram Section
Scheduled for July 1980 Letting

Gene Piedalue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754

No field work the past period.

Utilities

Flathead Electric & Northwestern Telephone - Meetings were held October 10th and 11th to review the LSF-1-257(5) scenic portion, attempting to reduce the work and keep costs within available scenic funding.
Martin City Water - Meetings were held February 27, 1980 with Helena Utilities regarding revision to estimate. Additional data should be submitted to Helena in about one month.
Combined Hungry Horse Water Co.- A meeting was held August 30, 1979 with Mr. Hacker and the Utility Section to try to get a utility estimate started. As of this date, we have not heard from Mr. Hacker.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Seven man days were worked the past period on cross sections and IBM coding. Work will be done on a revised earthwork run when time permits. 173 man days have been used to date on design which is approximately 18% complete.

RS-548-1(1)0 West Reserve Drive
Length - 2.2 Miles
Design Started - June 22, 1974

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - September 30, 1980

Eight man days were worked the past period on cross sections, property ties and recoding for a revised earthwork run. Topog and property ties will be updated in the field, as soon as personnel are available. 97 man days have been used to date on design, which is approximately 20% complete.

F-5-2(03)86 Flathead County Line-South
Length - 7.5 Miles
Agreement Approved - July 16, 1979

Design - Alpha Engineers, Inc.
Butte, Montana 59701
Est. Comp. Date - October 20, 1980

Work the past month consisted of incorporating highway recommendations of passing lanes and line projections into plans. Topog was completed on cross section rolls and work is continuing on right of way plans. The design is approximately 12% complete.

F-5-2(05) Elmo-Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977
Design Started - March 29, 1979

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - May 1, 1980

Eighteen man days were worked the past period on design. Ties are being computed to right of way purchased in 1964. A field survey was completed of the secondary road from present U.S. #93, at Dayton, to the beginning of project RS 448(3). Design of this section of road has begun and will be included with the design of the Elmo-Rollins project. 171 man days have been used to date on design, which is approximately 37% complete.

F-5-3(5)112 Kalispell Main St.-6th to Center
Length - 0.4 Miles
Survey Authorized - August 14, 1979
Design Started - August 17, 1979

Design - Thomas, Dean & Hoskins
3 Sunset Plaza
Kalispell, Montana 59901
Est. Comp. Date - August 20, 1980

The preliminary plan-in-hand was held February 5, 1980. The design is approximately 50% complete.

F-6-1(3) Dixon-Ravalli
Length - 8.5 Miles
Photogrammetric Control
Survey Authorized - February 12, 1973
Survey Started - January 16, 1980

Gerald Roat, Field Project Manager
Ronan, Montana 59864
Phone: 676-0520
Est. Comp. Date - April, 1980

No report from the field.

H-1-2(1) Troy-Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Jack Adamson, Field Project Manager
Hot Springs, Montana 59845
Phone: 741-3327
Comp. Date - January 29, 1980

The completed survey was turned into the Division office for checking January 29, 1980.

F-52-1(1)11 Blue Bay Erosion Control
Length - 2.5 Miles(approx. 12 intermittent locations)
Survey Authorized - November 27, 1979
Survey & Design Started - Dec. 7, 1979

Design - Thomas, Dean & Hoskins
3 Sunset Plaza
Kalispell, Montana 59901
Est. Comp. Date - November 1980

All field surveys were completed February 6, 1980. Field data is presently being plotted. The design is approximately 24% complete.

RS-212-1(2)3 Charlo North & South
RS-212-2(1)0 Dixon-North
Length - 4.5 Miles
Photogremmetric Control
Survey Authorized - February 1, 1978
Survey Started - January 29, 1980

Gerald Roat, Field Project Manager
Ronan, Montana 59864
Phone: 676-0520
Est. Comp. Date - April 1, 1980

No report from the field.

RS-382-1(1)1 Perma-North
Length - 2.8 Miles
Survey Authorized - October 4, 1979
Location Survey Started - Jan. 2, 1980

Jack Adamson, Field Project Manager
Hot Springs, Montana 59845
Phone: 741-3327
Est. Comp. Date - March 28, 1980

Progress has been fair. A seven man crew has completed centerline and bench marks. The crew is now working on cross sections, Stations 68± to 110±. 188 man days have been used to date with the survey approximately 40% complete.

S-482-1(01) Libby-Southeast
Length - 3.5 Miles
Survey Authorized - December 6, 1974
Survey Suspended - January 17, 1975

Jack Adamson, Field Project Manager
Hot Springs, Montana 59845
Phone: 741-3327
Est. Comp. Date - Pending

This survey has been postponed by Lincoln County Commissioners in favor of a higher priority project. A determination will be made relative abandoning this project.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975
Survey Started - November 20, 1979

Ray Munsinger, Field Project Manager
Kalispell, Montana 59901
Phone: 257-6567
Est. Comp. Date - Pending

The crew has been assigned to other projects and this survey will resume when personnel are available. 124 man days have been used to date with the location approximately 40% complete.

M6799(5) Kalispell City Wide Storm Drain
Length - 2.6 Miles Storm Drain
0.6 Miles Paving
F-1-2(11)120 Idaho St. P.M.S. Overlay
Length - 1.3 Miles
Scheduled for April 3, 1980 Bid Letting

Ray Munsinger, Field Project Manager
Kalispell, Montana 59901
Phone: 257-6567

A four member survey crew will start construction layout March 3, 1980. The Montana Power Company plans to start gas line adjustments March 4, 1980.

C O N S T R U C T I O N

TQF-1-2(1)148 Unit 1 Coram-West Glacier
Clearing & Grubbing
Length - 3.7 Miles
Contract Let - June 28, 1979
Contract Awarded - July 24, 1979
Contract Amount - $167,540.00
Proceed Order - August 14, 1979
Work Started - August 6, 1979

Rock, Inc.
P.O. Box 2368
Great Falls, Montana 59403
Gene Piedalue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754
Contract Time - 50 Working Days
Prob. Comp. Date - December 7, 1979
Effective Opening Date - N/A

No work has been done on the project the past period. The contractor has only minor clean up left to do to complete the project. The project remains approximately 99% complete with 94% of the contract time elapsed. No State personnel presently assigned to the project.

F-1-2(9)115 & M6711(1) U-2
Batavia School Crossing & Signals
Length - 0.236 Miles
&
Evergreen School Traffic Signal
& Striping
Length - N/A
Contract Joined for Letting
Contract Let - March 29, 1979
Contract Awarded - April 4, 1979
Contract Amount - $174,379.00
Proceed Order - April 25, 1979
Work Started - May 22, 1979

Rehbein Contracting, Inc.
Plains, Montana 59859
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 45 Working Days
Project Completed - September 12, 1979
Effective Opening Date - N/A

F-1-2(9)115 & M6711(1) U-2 (cont'd)

Most of the final data has been checked and we are presently awaiting balance of final data from field. Final will be submitted to Helena shortly after remaining data is received.

TQX-5-2(4)59 U.S. 93 - Polson
Safety Improvement
Length - 1.8 Miles
Contract Let - October 25, 1979
Contract Awarded - October 31, 1979
Contract Amount 0 $188,266.00
Proceed Order - April 15, 1980
Work Not Started

Midland Electric
Billings, Montana
Gerald Roat, Field Project Manager
Dan Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 60 Working Days
Prob. Comp. Date - Pending

Construction layout of the electrical portion is complete. A four man crew worked three days the past period establishing bench marks and performing preliminary work on the layout of the two revised approaches. Construction layout is approximately 50% complete with the crew presently working on other projects. The preconstruction conference has not been scheduled to date.

F-5-2(13)61 Lighting-Inter. U.S. 93
& Rocky Point Road - 1 Mile N. of Polson
Length - N/A
Contract Let - February 28, 1980
Contract Awarded - Pending
Contract Amount - $7,061.00
Proceed Order - Pending
Work Not Started

Midland Electric
Billings, Montana
Dan Tombrink, Civil Eng. II
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 20 Working Days
Prob. Comp. Date - Pending

Construction layout has been completed.

F-5-2(14)47 H & N St. U.S. 93-Ronan
Curb & Gutter and Traffic Control Devices
Length - N/A
Contract Let - December 6, 1979
Contract Awarded - December 6, 1979
Contract Amount - $71,318.50
Proceed Order - April 16, 1980
Work Not Started

Pacemaker Industries, Inc.
Spokane, Washington
Dan Tombrink, Civil Eng. II
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 45 Working Days
Est. Comp. Date - Pending

No field work the past period. Construction layout will be performed in the near future. Preconstruction conference is tentatively scheduled for March 31, 1980.

F-38-2(1)65 Swan Lake North & South Overlay
Length - 12.6 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $1,014,086.40
Proceed Order - April 21, 1978
Work Started - June 9, 1978

Baltrusch Const., Inc. & Affiliates
Havre, Montana 59501
Ray Munsinger, Field Project Manager
Kalispell, Montana 59901
Phone: 257-6567
Contract Time - 90 Working Days
Project Completed - November 8, 1979
Effective Opening Date - N/A

The final has been submitted to the Division office for checking as time permits. Submittal date will be approximately March 30, 1980.

RS-TQS-DP 206-1(1)4 Half Moon-South Grade, Gravel, Pl. Mix Bit. Surf., Seal Cover, Signing
Length - 4.6 Miles
Contract Let - June 28, 1979
Contract Awarded - July 6, 1979
Contract Amount - $2,607,211.12
Proceed Order - July 27, 1979
Work Started - August 14, 1979

McIntyre Construction Co.
Great Falls, Montana 59403
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 160 Working Days
Prob. Comp. Date - October 1980
Effective Opening Date - Pending

No work the last period. All State personnel assigned to other projects. Construction layout remains 55% complete. The contract is 40% complete with 48% of the contract time elapsed.

HES 209-1(1)0 Bigfork-East Guard Rail & Delineation
Length - 4.9 Miles
Contract Let - February 4, 1980
Contract Awarded - February 4, 1980
Contract Amount - $62,599.45
Proceed Order - April 16, 1980
Work Not Started

Frank Gurney, Inc.
Spokane, Washington
Kenneth Chrisigner, Eng. Tech. III
Martin City, Montana 59926
Phone: 387-5754
Contract Time - 45 Working Days
Est. Comp. Date - Pending

No construction layout performed the past period. The preconstruction conference has not been scheduled to date.

RS-212-2(2)5 Charlo North & South
Length - 12.6 Miles P.M. Overlay
Contract Let - March 29, 1979
Contract Awarded - April 4, 1979
Contract Amount - $784,682.25
Proceed Order - April 25, 1979
Work Started - May 3, 1979

Rehbein Contracting, Inc.
Plains, Montana 59859
Gene Piedalue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754
Contract Time - 75 Working Days
Project Completed - August 18, 1979

One man is working on final notes. Final will be submitted to division office March 7, 1980.

S-508-1(4)11
NW Troy-Yaak River-Rexford
Grade, Gravel, Surface, Road Mix Bit. Surf.
Length - 1.1 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $395,939.90
Proceed Order - April 21, 1978
Work Started - May 2, 1978

Clark Brothers Contractors
Victor, Montana 59875
Jack Adamson, Field Project Manager
Hot Springs, Montana 59845
Phone: 741-3327
Contract Time - 90 Working Days
Project Completed - August 2, 1979
Effective Opening Date - Sept. 22, 1978

Some final supporting data has not been received from contractor. Final is being checked as time permits and should be submitted to Helena about March 15, 1980.

PMS 4140(52) Unit 8 Kalispell Division
Plastic Pavement Markings
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - August 2, 1978 (Unit 8)

Swanston Equipment Company
Fargo, North Dakota
Gene Piedalue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754
Contract Time - 90 Working Days
Project Completed - Sept. 7, 1979 (Unit 8)
Effective Opening Date - N/A

One man is working on final which will be submitted to Division office February 29, 1980.

M6714(3) Center St. & 1st Ave. E.Kalispell
Length - 0.9 Miles
Contract Let - August 11, 1977
Contract Awarded - August 23, 1977
Contract Amount - $939,975.18
Proceed Order - September 13, 1977
Work Started - April 4, 1978

Pack & Company
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 120 Working Days
Project Completed - July 26, 1979
Effective Opening Date - Oct. 4, 1978

The final was submitted to Helena February 5, 1980. This will be the final report.

M6799(3) City Wide - Kalispell Signing
Length - N/A
Contract Let - October 25, 1979
Contract Awarded - October 31, 1979
Contract Amount - $48,563.95
Proceed Order - November 21, 1979
Work Started - January 28, 1980

Western Sign Corp.
Great Falls, Montana 59401
Elden Gamache, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 45 Calendar Days
Est. Comp. Date - March 15, 1980

Initial delivery was made January 28, 1980. Subsequent inventory and inspection revealed some deficiencies in quantity and quality. Another delivery was made February 26, 1980. This advances the project, however, some signs, hardware and barn poles remain to be added or replaced to complete the contract.

SMP 2799-80 Maintenance Crushing
6 Stockpiles in Lincoln & Sanders Counties
Contract Let - January 31, 1980
Contract Awarded - February 4, 1980
Contract Amount - $230,400.00
Proceed Order - February 25, 1980
Work Not Started

Konitz Contracting Co.
Lewistown, Montana 59457
Gary Marin, Materils Supv.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 90 Working Days
Est. Comp. Date - Pending

The preconstruction conference was held February 21, 1980. The contractor plans to start in the Thompson Falls pit about mid-March, contingent upon approval of air quality permits, reclamation plans and highway load restrictions.

Thomas J. Barnard, P.E.
Supv. Div. Const. Section

TJB:HAS:mjb

Department of Highways
Butte, Montana

February 28, 1980

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers Construction and Preconstruction operations in Division 2130 for the period ending February 26, 1980. The weather has been cool with snow showers and temperatures ranging from -34^{0} to $+49^{0}$.

P R E C O N S T R U C T I O N

RF 8-1(4)34
Avon - Elliston
Location Survey
12.1 Miles
Powell County

Claude Flynn, Manager
Project Manager
Deer Lodge, Mt - Tel. 846-1694
Estimated Completion Date:
Unknown

Work the past period consisted of running centerline, cross-sectioning and taking topography. A six man crew expended 85 man days for a total of 772 man days used to date. Centerline run is 42% complete. Cross-Sections are 40% complete. Topography is 42% complete. Plan plotted is 17% complete. Project as a whole is 25% complete.

F 8-4(2)76
Townsend - North
Location Survey
1.42 Miles
Broadwater County

Carl Engstedt, E.T.3
Helena, Mt - Tel. 449-3031
Completion Date:
February 8, 1980

Final location data has been turned into Helena Preconstruction Section.

I 15-3(12)150 P.E.
Bernice Basin
Design
7.1 Miles
Jefferson County

Morrison-Maierle, Inc.
Helena, Mt
Probable Completion Date:
December 31, 1980

Road
Completed drafting Basin Interchange Layout - Designed ramp and crossroad grades. Completed typical section drafting and quantity computations based on preliminary typical section received from M.D.H. Surfacing Unit. Designed North Frontage Road alignment from Basin to the Interchange. Proceeded with alignment design for South Frontage Road - Basin to Interchange. Submitted first set of R/W brown lines from Beginning of Project to Sta. 1100+ approximately 4.4 miles. Survey crew completed L staking except for tangent at end of project. Road portion is 30% complete.

I 15-3(12)150 P.E. cont'd
Structures
Request approval for Borings on P614, P615 and P616 at Sta. 944+80. Prelim. Drwg. on P613 (934+00), P614 & P615 (944+00) 90% completed. Prelim. Drwg. on P625 (170+55) revised for access road under 90% complete. Determined Labor & Costs for 3 added frontage road structures for proposed Contract Amendment. Started to prepare new schedule for structure submissions and completions. Structure portion is 7% complete.

S 34(4) Section 2
Jackson North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer III
Butte, Mt
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar & profile, plotting & inking the cross-sections, tracing the plan & profile linens & laying & computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 55-3(1)2
Whitehall Storm Drain
Location Survey
0.00 Miles
Jefferson County

L.C.Hanson Co.
Helena, Mt
Estimated Completion Date:
March 29, 1980

The meeting to present the preliminary report to the Whitehall City Council was held Jan 28, 1980. Final acceptance of this project is pending, awaiting final approval of City.

RS 276-1(1)0
Browns Gulch Road
Location Survey
8.0 Miles
Silver Bow County

George L. Buckman, Manager
Field Project
Butte, Mt - Tel. 494-4172
Estimated Completion Date:
April 15, 1980

Work the past period consisted of using distance measuring device. A 4 man crew expended 40 man days for a total of 174 man days used to date. Project as a whole is 70% complete.

DP 280-1(3)11
Montana York Bridge
Design
0.9 Miles
Lewis & Clark County

Henningson, Durham &
Richardson Inc. of Montana
Helena, Mt
Estimated Completion Date:
Unknown

Final Preliminary Plan report was submitted to the Highway Department on Oct. 24,1979. Preliminary phase of this project accepted by M.D.H. Design phase was authorized to begin February 13, 1980.

M 0299(4)
Anaconda Urban Street
Location Survey
1.302 Miles
Deer Lodge County

John T. McGeever, Manager
Field Project
Butte, Mt - Tel. 792-1797
Probable Completion Date:
March 15, 1980

Work the past period consisted of taking topography and plotting plan and profile. A five (5) man crew expended 77 man days for a total of 353 man days used to date. All items are 100% complete with the exception of plan plotted which is 80% complete and profile plotted which is 50% completed. Project as a whole is 90% complete.

SR 359-2(1)6
Cardwell - Harrison
Overlay
Madison and Jefferson Counties
8.998 Miles

Raymond M. Grant
Designer III
Butte, Mt
Estimated Completion Date:
April 1, 1980

A field review of the project was held on Feb. 7, 1980. Other work included computation of guardrail warrants, preparation of summaries and typical sections. Surfacing quantities for mainline and approaches have been computed. Determination of digouts will be done during spring thaw. Preparation of table of contents, linear and level data, notes sheet and typical sections is 90% complete. Preparation of sufacing, add. surf, sub exc., seeding and topsoil, general items, and guardrail summaries is 40% complete. Design as a whole is 35% complete. A three (3) man crew used 17 man days for a total of 17 man days used to date.

RS 393-1(2)
Basin Creek Road
Design
2.85 Miles
Silver Bow County

Raymond M. Grant
Designer III
Butte, Mt
Estimated Completion Date:
Feb. 8, 1980

Work during the period involved the checking of summary totals and placing construction items on the cross sections and plan & profile sheets. Preparing plan sheets, reducing notes and plotting & inking cross sections are 90% complete. Laying & computing grades, templating cross sections, computing areas and volumes and balancing the project are 85% complete. Designing drainage and irrigation structures, road approaches and incidentals are 84% complete. Drafting of summaries and title sheet are 84% complete. Design work as a whole is 86%. A three man crew expended 10 man days for a total of 357 man days used to date. The plans and cross sections were sent to Helena for P.P.I.H. printing on Feb. 6, 1980.

RS 441-1(1)0
Gregson Road
Design
Silver Bow County
2.969 Miles

Raymond M. Grant
Designer III
Butte, Mt
Completion Date:
Jan. 16, 1980

Final plans along with all design data were sent to Helena on Jan. 16, 1980.

PRECONSTRUCTION

S 549-1(1)0
Whitehall - Jefferson Island
Design
3.920 Miles
Jefferson and Madison Counties

Raymond M. Grant
Designer III
Butte, Mt
Probable Completion Date:
Unknown

It is anticipated that design work will resume on the project when the topography has been up-dated. The mylar & profile plotted, the plan & profile linens traced & the cross sections plotted & inked are all 100% complete. Design remains 10% complete with 40 man days used to date.

M 5807(1)
M 5807(2)
M 5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave. 6th to Lawrence
Location & Design

City of Helena
Helena, Mt
Probable Completion Date:
Sept. 28, 1980

No report received. Preliminary design 10% complete on M-5807(1).

CONSTRUCTION

I 000B(2)U-6
Erosion Control on Divide
North & South
13.852 Miles
Silver Bow County
Contract Let: Aug. 23, 1979
Bid Price: $357,657.39
Work Started: Sept. 9, 1979

Swan & Sons Constr., Inc.
Anaconda, Mt
George L. Buckman, Manager
Field Project
Butte, Mt - Tel. 494-4172
Contract Time: 50 Working Days
Probable Completion Date:
April 15, 1980
Effective Opening Date: N/A

Project on winter shutdown. Project as a whole is 93% complete with 76% of the contract time elapsed. Project layout as a whole is 100% complete.

FF 8-1(1)0
Garrison East
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Pl. Mix Bit.
Surf., Lighting & Signing
3.9 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,683,507.23
Work Started: Nov. 14, 1977

Zook Brothers Constr. , Co.
Great Falls, Mt
Joseph Bettle, Manager
Field Project
Lima, Mt - Tel. 276-3404
Contract Time: 130 Working Days
Completion Date:
Nov. 7, 1978
Effective Opening Date: 7/15/78

Final data was submitted to Helena on Feb. 27, 1980.

F FF 8-2(5)46 U-2
East Helena - East & West
Grading, Agg. Surf., Cem.
Treated Base, Lighting & a
Dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: Aug. 11, 1977
Bid Price: $1,596,878.30
Work Started: Sept. 28, 1977

Zook Brothers Constr., Co.
Great Falls, Mt
Robert T. Wilson, Manager
Field Project (Road)
Butte, Mt - Tel. 792-1797
Albert Reather, Manager
Field Project (Bridge)
Boulder, Mt - Tel. 225-4330
Contract Time: 200 Working Days
Completion Date:
June 11, 1979
Effective Opening Date: 11/2/78

Final data is in division office, but checking has not started. It is estimated that final data will be sent to Helena on Oct. 17, 1980.

F 8-2(17)44
Signal Modification - Int. of
Montana Av. with 11th Ave. & Prospect Av.
- Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 3, 1979
Bid Price: $41,030.00
Work Not Started

Pacemaker Industries, Inc.
Spokane, Wash.
Carl Engstedt, E.T.3
Helena, Mt - Tel. 449-3031
Contract Time: 30 Working Days
Probable Completion Date:
May 16, 1980
Effective Opening Date: N/A

Preconstruction Conference held June 8, 1979. Contractor plans to start work sometime in spring of 1980.

F 8-2(18)45
Intersection Improvement, 11th Av.
& Fee St. - Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 3, 1979
Bid Price: $119,573.00
Work Started: Oct, 1, 1979

Skinner Enterprises
Helena, Mt
Carl Engstedt, E.T.3
Helena, Mt - Tel. 449-3031
Contract Time: 30 Working Days
Probable Completion Date:
April 16, 1980
Effective Opening Date: N/A

No work the past period. Project as a whole is 38% complete with 100% of the contract time elapsed. Project layout as a whole is 80% complete with 3 engineers engaged.

F 8-4(1)77 U-1
Plant Mix Overlay Townsend - Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70

Meyer Constr., Co.
Billings, Mt
Jack Erickson, Manager
Field Project
Butte, Mt - Tel. 494-4172

F 8-4(1)77 U-1 cont'd
Work Started: Oct. 4, 1978

Contract Time: 90 Working Days
Completion Date:
Oct. 30, 1979
Effective Opening Date: 11/29/78

Final data is in division office but checking has not started. It is estimated that final data will be submitted on Sept. 12, 1980.

I IG 15-1(44)0 &
I IG 15-1(46)9 U-1
Monida North & Lima South (South Section)
Add 2 Lanes, Signing & Structures
12.6 Miles
Beaverhead County
Contract Let: Aug. 24, 1978
Bid Price: $6,673,310.83
Work Started: Oct. 16, 1978

General Constr., Co.
Butte, Mt
Irvin Broell, Manager
Field Project (Road)
Lima, Mt - Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridge)
Lima, Mt - Tel. 276-3578
Contract Time: 200 Working Days
Probable Completion Date:
Nov. 16, 1980
Effective Opening Date:

Road
No work past period. Project as a whole is 51% complete with 60% of the contract time elapsed. Project layout as a whole is 94% complete with 7 engineers engaged.
Bridges
Progress for the past period was fair. Snowline Interchange at Sta.2888+20: No work. Monida Interchange at Sta.3365+00: No work. Seperation at Sta.3222+00: No work. Bridge over U.P.R.R. at Sta.3306+70.65: No work. Bridge over Junction Creek Rt. Sta.2724+17: No work. Bridge over Junction Creek Rt. Sta.2750+00: Formed, placing and tying reinforcing steel and placed concrete for Abut. No. 1 & No. 2. This completes all concrete for this structure. Bridge over Junction Creek Rt. Sta.2774+74: No work. Percentages complete for the items are as follows: Class AD Concrete 82%; Reinforcing steel 54%; Structure excavation 85%; All piling 100%; Prestressed beams type A 45' 100%; Class BD concrete 44%; Structural steel 53%. The structures as a whole are 53% complete. The contractor worked five (5) eight (8) hour shifts employing an average of four (4) men.

I IG 15-1(46)9 U-2
Lima South (North Section)
Add 2 Lanes - Grading, Surfacing
& Construction 118.0' prestressed
conc. girder o'pass (Lima Int.) & a
481.0' Composite st'l & Conc. girder
Bridge (Over U.P.R.R.)
4.4 Miles
Beaverhead County
Contract Let: May 3, 1979
Bid Price: $3,398,814.92
Work Started: May 16, 1979

General Constr., Co.
Butte, Mt
Joseph Bettle, Manager
Field Project (Road)
Lima, Mt - Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridges)
Lima, Mt - Tel. 276-3578
Contract Time: 200 Working Days
Probable Completion Date:
Oct. 30, 1980
Effective Opening Date:

I IG 15-1(46)9 U-2 cont'd

Road

No work the past period. Project as a whole is 26% complete with 32% of the contract time elapsed. Construction layout as a whole is 99% complete with 2 engineers engaged.

Bridges

Progress for the past period was good. Lima Interchange at Sta.2590+00: Formed, placing and tying reinforcing steel and placed concrete for crossbeam Bent No.3 S.B. Bridge over U.P.R.R. at Sta.2713+00.06: Formed, placing and tying reinforcing steel and placed concrete for Rt. Footing at Bent No.5, and Structure and Columns to 2nd construction joint at Bent No.7 and Footings for Bent No.8. Percentages complete for the items are as follows: Furnished steel bearing piles 75%; Drive steel bearing piles 75%; Structure excavation 20%; Class AD concrete 17%; Reinforcing steel 8%. The structure as a whole are 6% complete. The contractor worked sixteen (16) eight (8) hour shifts and employing an average of four (4) men.

I 15-1(51)37 U-1

Structures & Approaches on
Armstead North & South
Construction of a prestressed concrete
girder structures & approaches
0.02 Miles
Beaverhead County
Contract Let: July 26, 1979
Bid Price: $506,064.63
Work Started: Sept. 18, 1979

Goodwin Constr., Co.
Blackfoot, Idaho
Robert Gilman, Manager
Field Project
Dillon, Mt - Tel. 683-2268
Contract Time: 130 Working Days
Probable Completion Date: 8/8/80
Effective Opening Date: N/A

No work was performed on the above project during the past period. The contractor shutdown operations for the winter months on 1/6/79. Percentages complete for the items are as follows: Detour construction and maintain 80%; Remove guardrail 100%; Temporary fencing 30%; Striping-Yellow paint 40%; Striping-White paint 22%; Traffic Control-Devices 29%; End Span (Opp.II) 37%; Traffic Control Flagging 100%; Remove existing Bent. 100%; Unclassified excavation 66%; Compaction Road Bed 67%; Haul 61%; Structure excavation type 1 45%; Reinforcing steel 5%; Class AD concrete 20%; Culvert excavation 100%; Mobilization 60%. The project as a whole is 32.1% complete with 18.5% of the contract time elapsed.

I 15-1(52)46 U-1

Pipe Organ North & South
(Structures & Spproaches)
0.029 Miles
Beaverhead County
Contract Let: Aug. 23, 1979
Bid Price: $1,395,719.03
Work Started: Dec. 5, 1979

General Constr., Co.
Butte, Mt
Robert Gilman, Manager
Field Project
Dillon, Mt - Tel. 683-2268
Contract Time: 220 Working Days
Probable Completion Date:
July 31, 1981
Effective Opening Date: N/A

I 15-1(52)46 U-1 cont'd
Pipe Organ Structures over Beaverhead River at Sta.764+36.1 and 764+80.00: Construction of shoring and crib for Pier No.3 and construction of work bridge in vicinity of Pier No.2 of S.B. structure at Sta.764+36.1. Percentages complete for the items are as follows: Traffic Control-Flagging 9%; Traffic Control-Devices 18%; Shoring and Crib 33%; Work Bridge 33%; Mobilization 25%. The contractor worked seven (7) eight (8) hour shifts employing an average of four (4) men. The project as a whole is 6.3% complete with 0.0% of the contract time elapsed.

I 15-1(54)51 U-1
Pipe Organ - North (Structures)
Construction of concrete girder bridge (Two)
0.00 Miles
Beaverhead County
Contract Let: Oct. 25, 1979
Bid Price: $545,970.50
Work Not Started

Goodwin Constr., Co.
Blackfoot, Idaho
Loren Matkin, Manager
Field Project
Butte, Mt - Tel. 494-3666
Contract Time: 185 Working Days
Probable Completion Date:
Nov. 21, 1980
Effective Opening Date: N/A

Preconstruction Conference has been rescheduled for March 12, 1980.

I 15-2(44)131 &
I 15-3(39)134
Butte North & Woodville - North
Pl. Mix Surf., Seal & Cover
12.3 Miles
Silver Bow & Jefferson Counties
Contract Let: Aug. 23, 1979
Bid Price: $2,419,381.20
Work Not Started

Jim Gilman Exc., Inc.
Butte, Mt
Jack Erickson, Manager
Field Project
Butte, Mt - Tel. 494-4172
Contract Time: 100 Working Days
Probable Completion Date:
June 20, 1980
Effective Opening Date: N/A

Preconstruction Conference has been held on Sept. 13, 1979. It is estimated that work will begin approximately in April of 1980.

I 15-3(29)160 U-1
Structure & Approaches on the Basin
Boulder Road
Construction of prestressed concrete
Girder Bridge
.036 Miles
Jefferson County
Contract Let: March 30, 1978
Bid Price: $295,635.44
Work Started: May 3, 1978

Sletten Constr., Co.
Great Falls, Mt
Albert Reather, Manager
Field Project
Boulder, Mt - Tel. 225-4330
Contract Time: 130 Working Days
Completion Date: 11/17/78
Effective Opening Date: N/A

Final data is being checked in Glendive Division Office. It is estimated that final data will be submitted to Helena on March 28, 1980.

I 15-3(29)160 U-2
Structure & Approaches on
The Basin-Boulder Road
Construction of a dual prestressed

McIntyre Constr. , Co.
Great Falls, Mt
Albert Reather, Manager

I 15-3(29)160 U-2 cont'd
Concrete girder bridge (Two)
0.032 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $577,140.45
Work Started: July 9, 1979

Field Project
Boulder, Mt - Tel. 225-4330
Contract Time: 160 Working Days
Probable Completion Date:
May 1, 1980
Effective Opening Date: N/A

No work the past period. Project as a whole is 98% complete with 59% of the contract time elapsed. Construction layout as a whole is 95% complete with 3 engineers engaged.

I 15-3(29)160 U-3
Structure & Approaches on
Boulder-West Road
Construction of precast concrete
Girder Bridge (Four)
0.111 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $1,616,808.00
Work Started: Aug. 8, 1979

Morgen & Oswood Constr. Co., Inc.
Great Falls, Mt
Albert Reather, Manager
Field Project
Boulder, Mt - Tel. 225-4330
Contract Time: 220 Working Days
Probable Completion Date:
Oct. 17, 1980
Effective Opening Date: N/A

1412+89.50: Drove test pile and drove service piles at Bents No.1 N.B. & S.B. 1456+04.50: No work. 1468+54.00: Formed cap at Bent No.1 and Bent No.4 and placed concrete in cap at Bent No.1. The contractor employed 7 men for 16-8 hour shifts. Project as a whole is 43% complete with 42% of the contract time elapsed. Construction layout as a whole is 90% complete with 5 engineers engaged.

I 15-3(29)160 U-4
Structure & Approaches on the
Boulder-West Road
Construction of a dual concrete
slab bridge & approaches
0.015 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $307,941.15
Work Started: July 17, 1979

Frontier West Inc.
Missoula, Mt
Larry Brazda, Manager
Field Project
Boulder, Mt - Tel. 225-4330
Contract Time: 130 Working Days
Probable Completion Date:
April 30, 1980
Effective Opening Date: N/A

No work this past period. Project as a whole is 95% complete with 85% of the contract time elapsed. Construction layout as a whole is 90% complete with 2 engineers engaged.

I IG 15-3(32)157 U-1
Structure-Basin East
Construction of a prestressed concrete
Girder Bridge
0.02 Miles
Jefferson County
Contract Let: May 31, 1979

Goodwin Constr., Co.
Blackfoot, Idaho
Larry Brazda, Manager
Field Project
Boulder, Mt - Tel. 225-4330
Contract Time: 130 Working Days

I IG 15-3(32)157 U-1 cont'd
Bid Price: $317,475.62
Work Started: July 17, 1979

Probable Completion Date:
June 20, 1980
Effective Opening Date: N/A

Str. at Sta.1385+00: Project is on winter shutdown. Project as a whole is 63% complete with 66% of the contract time elapsed. Construction layout as a whole is 90% complete.

F 19-1(6)5
Intersection Lighting U.S.10A &
Montana 48 - 3 Miles East of Anaconda
Installation of Luminaires
0.00 Miles
Deer Lodge County
Contract Let: May 31, 1979
Bid Price: $10,188.00
Work Started: Oct. 30, 1979

Midland Electric Co.
Billings, Mt
John McGeever, Manager
Field Project
Butte, Mt - Tel. 792-1797
Contract Time: 30 Working Days
Completion Date:
February 6, 1980
Effective Opening Date: N/A

Final inspection and acceptance is pending. It is estimated that final data will be submitted to Helena on April 18, 1980.

F 19-1(7)7
Park Av. - Anaconda
Grading, Agg. Surf., Plant Mix
Bit. Base, Pl. Mix Bit. Surfacing
Seal & Cover, Lighting & Traffic Signals
1.2 Miles
Deer Lodge County
Contract Let: Sept. 28, 1978
Bid Price: $993,662.00
Work Started: May 7, 1979

Jim Gilman Exc., Inc.
Butte, Mt
John McGeever, Manager
Field Project
Butte, Mt - Tel. 792-1797
Contract Time: 90 Working Days
Probable Completion Date:
June 6, 1980
Effective Opening Date: 10/8/79

Project on winter shutdown. Seal & Cover remains to be completed. Project as a whole is 98% complete with 76% of the contract time elapsed. Construction layout as a whole is 100% complete.

F 29-4(4)86
Ramp Modification - Harrison Av. Interchange
Ramp Modification - Curb & Gutter,
Sprinkler System, Lights & Signing
0.00 Miles
Silver Bow County
Contract Let: May 3, 1979
Bid Price: $138,910.50
Work Started: July 9, 1979

Jim Gilman, Exc., Inc.
Butte, Mt
John McGeever, Manager
Field Project
Butte, Mt - Tel. 792-1797
Contract Time: 55 Working Days
Completion Date: 10/6/79
Effective Opening Date: N/A

Final data is in the division office, but checking has not started. It is estimated that final data will be submitted to Helena Sept. 19, 1980.

HES 29-4(5)75
Pipestone Pass - North
Installation of Traffic Control
Devices on US-10
8.9 Miles
Silver Bow & Jefferson Counties
Contract Let: Oct. 25, 1979
Bid Price: $7,818.00
Work Not Started

Western Sign Corporation
Great Falls, Mt
Jack Erickson, Manager
Field Project
Butte, Mt - Tel. 494-4172
Contract Time: 15 Working Days
Probable Completion Date:
April 25, 1980
Effective Opening Date: N/A

Preconstruction Conference was held Nov. 26, 1979.

F 29-4(6)86
Yale Av. to Cornell Av.
on Harrison Av. - Butte
Intersection Improvements
0.00 Miles
Silver Bow County
Contract Let: Oct. 25, 1979
Bid Price: $97,672.50
Work Not Started

Pacemaker Industries Inc.
Spokane, Wash.
John McGeever, Manager
Field Project
Butte, Mt - Tel. 792-1797
Contract Time: 45 Working Days
Probable Completion Date:
July 11, 1980
Effective Opening Date: N/A

Preconstruction Conference was held November 13, 1979.

F 49-2(2)16
Twin Bridges - South
Pl. Mix Bit. Surf., Overlay
10.3 Miles
Madison County
Contract Let: July 27, 1978
Bid Price: $602,068.85
Work Started: Oct. 30, 1978

Meyer Constr., Co.
Billings, Mt
Jack Erickson, Manager
Field Project
Butte, Mt - Tel. 494-4172
Contract Time: 90 Working Days
Completion Date:
Aug. 25, 1979
Effective Opening Date: N/A

Final data is in the division office, but checking has not started. It is estimated that final data will be submitted to Helena on Oct. 20, 1980.

I IG 90-3(27)172 U-1
Garrison East & West (West Section)
The construction of a 590.83' Avg.
length dual composite steel &
concrete girder bridge (Over Burlington
Northern, Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,985,384.05
Work Started: July 27, 1977

General Constr., Co.
Butte, Mt
Loren Matkin, Manager
Field Project
Butte, Mt - Tel. 494-3666
Contract Time: 280 Working Days
Completion Date:
Nov. 6, 1979
Effective Opening Date: N/A

Final inspection & acceptance Nov. 30, 1979. It is estimated that final data will be submitted to Helena on Oct. 10, 1980

I IG 90-3(27)172 U-2 & F 88-1(1)1
Garrison East & West (West Section)
& Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing & Lighting on 4.2 Miles
of Project I IG 90-3(27)172 U-2
& widening, Pl. Mix Bit. Surf.,
Signing & Lighting on 0.7 Miles
of Project F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15, 1977
Washington Constr., Co.
Missoula, Mt
Bill Bork, Manager
Field Project
Boulder, Mt - Tel. 225-3962
Contract Time: 250 Working Days
Probable Completion Date: 5/14/80
Effective Opening Date: 11/20/79

Project on winter shutdown. Concrete slope protectors & seeding will be finished in the spring of 1980. Project as a whole is 98% complete with 82% of the contract time elapsed. Construction layout as a whole is 99% complete.

I IG 90-3(27)173 U-3
Structure on Garrison East
& West (West Section)
Construction of a dual 692.5' Avg.
Prestressed concrete girder bridge
(Over B.N.R.R.) a dual
131.5' prestressed concrete girder
Bridge (Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,922,459.45
Work Started: Jan. 11, 1978

General Constr., Co.
Butte, Mt
Loren Matkin, Manager
Field Project
Butte, Mt - Tel. 494-3666
Contract Time: 250 Working Days
Completion Date:
Nov. 30, 1979
Effective Opening Date: N/A

Final inspection & acceptance Nov. 30, 1979. It is estimated that final data will be submitted to Helena Oct. 24, 1980.

I 90-3(34)193 U-1
I IG 90-4(26)194 U-1 & RS 304(12)U-1
Racetrack - North - Warm Springs - North
& South & Galen East
Grading & Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr., Co.
Missoula, Mt
John McGeever, Manager
Field Project
Butte, Mt - Tel. 792-1797
Loren Matkin, Manager
Field Project (Bridge)
Butte, Mt - Tel. 494-3666
Contract Time: 300 Working Days
Completion Date:
Oct. 13, 1978
Effective Opening Date: 9/18/78

I 90-3(34)193 U-1
I IG 90-4(26)194 U-1 & RS 304(12)U-1 cont'd
Road
Checking of road portion by division personnel is completed. Bridge final data is being checked in Glendive Division Office. It is estimated that final data will be submitted to Helena on May 30, 1980.
Bridges
All work on the structures was completed on Sept. 29, 1977 & an inspection of these structures was made on Oct. 11, 1977.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Fencing &
The construction of a 303.76' steel
Girder Underpass (Beckhill Interchange)
& one 21.33' slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: Feb. 26, 1976
Bid Price: $3,178,181.56
Work Started: June 30, 1976

Max J. Kuney
Spokane, Wash.
Claude Flynn, Manager
Field Project (Road)
Deer Lodge, Mt - Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridge)
Dillon, Mt - Tel. 683-2268
Contract Time: 240 Working Days
Completion Date:
July 20, 1978
Effective Opening Date: 9/18/78

Checking of final data in division office is suspended awaiting return of bridge notes from field office. it is estimated that final data will be submitted to Helena March 14, 1980.

I 90-3(40)193 &
I IG 90-4(27)194
Surfacing of Racetrack North & South
& Warm Springs North & South
Agg. Surfacing, Plant Mix Surf. & Signing
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: Aug. 11, 1977
Bid Price: $2,582,114.30
Work Started: Feb. 28, 1978

Hilde Constr., Co. Inc.
Great Falls, Mt
John McGeever, Manager
Field Project
Butte, Mt - Tel. 792-1797
Contract Time: 180 Working Days
Completion Date:
Nov. 17, 1978
Effective Opening Date: 9/18/78

Checking of final data is progressing in division office. It is estimated that final data will be submitted to Helena on April 18, 1980.

IR 90-3(46)180
Deer Lodge - North & South
Plant Mix Overlay
8.6 Miles
Powell County
Contract Let: June 28, 1979
Bid Price: $1,199,967.70
Work Started: Aug. 15, 1977

Meyer Constr., Co.
Billings, Mt
Claude Flynn, Manager
Field Project
Deer Lodge, Mt - Tel. 846-1694
Contract Time: 70 Working Days
Probable Completion Date:
May 14, 1980
Effective Opening Date: N/A

IR 90-3(46)180 cont'd
Project on winter shutdown. Seal & Cover operations will be done next construction season. Project as a whole is 73% complete with 72% of the contract time elapsed. Construction layout as a whole is 100% complete.

I 90-3(48)176
Garrison East & West (East Section)
Pl. Mix Surfacing, Seal & Cover
3.3 Miles
Powell County
Contract Let: March 29, 1979
Bid Price: $366,706.75
Work Started: May 9, 1979

Zook Brothers Constr., Co.
Great Falls, Mt
Claude Flynn, Manager
Field Project
Deer Lodge, Mt - Tel. 846-1694
Contract Time: 60 Working Days
Completion Date:
Aug. 19, 1979
Effective Opening Date: N/A

Final data is in division office but checking has not started. It is estimated that final data will be submitted to Helena on Nov. 18, 1980.

I 90-3(53)193 & I 90-4(34)194
Racetrack North & South &
Warm Springs North & South
Pl. Mix Surf., Seal & Cover
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: Aug. 23, 1979
Bid Price: $1,359,963.00
Work Started: Sept. 25, 1979

Jim Gilman Exc. Co., Inc.
Butte, Mt
Claude Flynn, Manager
Field Project
Deer Lodge, Mt - Tel. 846-1694
Contract Time: 100 Working Days
Probable Completion Date:
June 27, 1980
Effective Opening Date: N/A

Shutdown for winter season. Project as a whole is 28% complete with 15% of the contract time elapsed. Construction layout as a whole is 70% complete.

I 90-5(33)264
Milligan Canyon to Jct. 287
Pl. Mix Bit. Overlay & Assoc. work
10.5 Miles
Jefferson & Broadwater Counties
Contract Let: July 27, 1978
Bid Price: $5,027,682.09
Work Started: March 19, 1979

McIntyre Constr., Co.
Great Falls, Mt
Frank Caprara, Manager
Field Project
Dillon, Mt - Tel. 683-6290
Contract Time: 200 Working Days
Probable Completion Date:
July 11, 1980
Effective Opening Date: 10/18/79

Project is on winter shutdown. Sealing of this project will not be accomplished until the summer of 1980. Project as a whole is 98% complete with 60% of the contract time elapsed.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
4.1 Miles
Lewis & Clark County

Meyer Constr., Co.
Billings, Mt
Delbert Michels, E.T.3
Boulder, Mt - Tel. 225-3962
Contract Time: 240 Working Days
Completion Date:

RF FF 249(27) cont'd
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan 24, 1977

July 17, 1979
Effective Opening Date: 11/2/78

Final data is in division office but checking has not started. It is estimated that final data will be sent to Helena on Oct. 17, 1980.

HHS 280-1(2)U-2
Traffic Control Devices
Warren School Curves
0.00 Miles
Lewis & Clark County
Contract Let: May 31, 1979
Bid Price: $16,765.40
Work Not Started

LaSalle Constr. Co.
Havre, Mt
Carl Engstedt, E.T.3
Helena, Mt - Tel. 449-3031
Contract Time: 45 Working Days
Probable Completion Date:
May 16, 1980
Effective Opening Date: N/A

Preconstruction Conference was held on July 12, 1979. Contractor plans to begin work sometime in April of 1980.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base,
Pl. Mix. Bit. Surf., & Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $966,307.40
Work Started: July 17, 1977

Zook Brothers Constr., Co.
Great Falls, Mt
George Buckman, Manager
Field Project
Butte, Mt - Tel. 494-4172
Contract Time: 120 Working Days
Completion Date:
Nov. 8, 1978
Effective Opening Date: 5/19/78

Final data is in division office but checking has not started. It is estimated that final data will be sent to Helena on June 20, 1980.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of a prestressed concrete
Girder Bridge & Grading, Agg. Surf.,
& Road Mix Surf., of the approaches
0.2 Miles
Madison County
Contract Let: Sept. 28, 1977
Bid Price: $557,136.64
Work Started: Nov. 4, 1977

McIntyre Constr., Co. &
S. Birch Inc.
Great Falls, Mt
Harold Wiebe, Manager
Field Project
Lima, Mt - Tel. 276-3578
Completion Date:
July 10, 1979
Effective Opening Date: 10/31/78

Final inspection & acceptance July 10, 1979. It is estimated that final data will be submitted to Helena on Sept. 19, 1980.

CONSTRUCTION

RS BRS 441-1(3)0 U-1
Gregson (Structure)
Construction of a prestressed concrete
Girder Bridge
0.00 Miles
Silver Bow County
Contract Let: Nov. 29, 1979
Bid Price: $238,690.00
Work Not Started

COP Constr., Co.
Billings, Mt
Clare Sands, E.T.3
Butte, Mt - Tel. 494-3666
Contract Time: 110 Working Days
Probable Completion Date:
Sept. 12, 1980
Effective Opening Date: N/A

Preconstruction Conference was held Feb. 4, 1980. Contractor plan on starting work March 3, 1980.

M 5816(3)
Broadway - Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewalks & related items
0.9 Miles
Lewis & Clark County
Contract Let: Aug. 11, 1977
Bid Price: $477,717.13
Work Started: Sept. 12, 1977

Dugdale Constr. Co., Inc.
Butte, Mt
Carl Engstedt, E.T.3
Helena, Mt - Tel. 449-3031
Contract Time: 110 Working Days
Completion Date:
May 15, 1979
Effective Opening Date: N/A

Final data is in division office but checking has not started. It is estimated that final data will be submitted to Helena on July 18, 1980.

Kenneth G. Rapp, P.E., Supervisor
Division Construction Section - Butte

KGR/GBH/md

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MAR 3 1980
CONSTRUCTION BUREAU

February 29, 1980

P.O. Box 1110
Bozeman, MT 59715

Department of Highways
Helena, MT 59601

Gentlemen:

Following is a report covering Construction and Preconstruction operations in the Bozeman Division for the four-week period ending February 29, 1980. Temperatures have ranged between -8^{o} and 55^{o} with periodic snow showers.

PRECONSTRUCTION

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

William G. Shuyler, FPM
Phone 222-1795 Livingston

A four man engineering crew is currently obtaining information requested by the preconstruction section January 18, 1980.

F 13-1( )24
8 Mi. So. of Cameron - South
Length - 9.0

Engineer Unassigned

A Plan-in-hand inspection was held on December 18, 1979.

F 13-1( )30
3 Mi. So. of Cameron - South
Length - 5.0 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

A Plan-in-hand inspection was held on December 18, 1979 and a survey crew is now obtaining the additional topography information for the structure at Indian Creek.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

Design - Alpha Engineers, Inc.
Completion: 12-12-79

The consulting engineering firm completed their portion of this design on December 12, 1979. The Utilities Plan-in-hands were held on February 19 and 20, 1980.

F 50-2(4)76
Bozeman - West
Approx. Length - 9.0 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, Montana
Consulting Engineers

A public hearing has been scheduled for March 18, 1980.

F 59-1(1)7
Clyde Park - No. & So.
Length 6.7 Miles

Donald J. Coughlin
Phone 222-7737 Livingston

All field work requested has been completed.

HES 86-1( )1
Int of FAP 86 & FAS 536

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All field work requested to date has been completed and a public hearing was held on January 10, 1980.

F 86-1(3)23
Park County Line - South
Length - 8.1 Miles

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

The cross-section extensions requested October 16th were transmitted to Helena on December 14, 1979, and the irrigation surveys and hydraulic survey of Fairy Creek should be transmitted to Helena by April 1, 1980.

F 86-1(4)18
Battle Ridge No. & So.
Length - 6.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: Nov. 1980

Nineteen man days were utilized this period in preparation for the Preliminary Plan-in-hand which is scheduled for March 5, 1980. A total of 144 man days have been expended on this design which is now 30% complete.

F 86-1(5)3
Bridger Canyon Road
Length - 1.8 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: Jan. 1981

Two men have been working on the line projection and bikeway study and other required follow up work as discussed in the planning report. Typical Sections were designed and Mylar prints were submitted to Helena for the preliminary R/W plans. A total of 45 man days have been expended on this design which is now 15% complete.

IR 90-3(50)184 U-1
Interstate Bridges
Sliding Plate Expansion Joints

Engineer Unassigned

This project is presently scheduled for the letting of April 24, 1980.

I 90-6(36)315 U-3
Bozeman Pass - West, Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone 932-3515 Big Timber

A five man survey crew is presently picking up the information requested by the Preconstruction Section on September 24, and December 21, 1979. This requested work is now approximately 75% complete.

I 90-7(36)318 U-2
Bozeman Pass - East, Rest Area

Engineer Unassigned

All work requested from the field has been completed.

I 90-7(37)350
Springdale - Big Timber (W. Section)
Length - 7.8 Miles

George A. Sitton, FPM
Phone 932-2485 Big Timber

This project is presently scheduled for the May 22, 1980 letting.

HES-HHS 205-1(1)28 U-2
North of Bozeman
Right Turn Lane

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All field work requested to date has been completed and a public hearing was held on January 10, 1980.

RS 411-1(1)0
Springhill Road
Length - 5.3 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All field work requested to date has been completed.

S 478-1(1)0
Big Timber - North & East
Approx. Length - 9.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: 1980

There was no work on this design during the past period and it remains 33% complete.

RS 540-1(1)0
East River Road - Park County
Length - 23.0 Miles

Engineer Unassigned

An informational public hearing was held the evening of December 7, 1978.

RS-BRS 563-1(3)0 U-2
Springdale - Hunters Hot Springs
Length - 1.7 Miles

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

All requested field work has been completed.

M 1201(1)
North 19th - Bozeman, Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

The final Plan-in-hand review was held April 2, 1979.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: July 26, 1976

Engineer Unassigned

All requested field work has been completed.

M 1212(1)
Kagy Lane from Willson to Highland
Design Bozeman
Approx. Length - 1.1 Miles

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

The final Plan-in-hand inspection was held April 2, 1979.

M 1212(4)
Kagy from 3rd to 19th - Bozeman
Length - 1.0 Mile

Engineer Unassigned

This location survey has not been started to date.

M 7406(1)
Main, Chinook & Gallatin - Livingston
Design Approx. Length - 1.3 Miles

Morrison-Maierle, Inc.

Design of this project is now 100% complete.

F 29-1(7)12
Virginia City Hill Truck Ramp
Contract Awarded: July 27, 1979
Contract Amount: $101,142.00
Proceed Order Date: August 17, 1979
Work Started: August 20, 1979

Baltrusch Const., Inc. & Affiliates
Havre, Montana
Ole F. Olson, FPM
Phone 586-5074 Bozeman
Contract Time: 30 Working Days
Completion Date: 11-27-79
Effective Opening Date: 11-30-79

The final estimate and its supportive data were submitted to the Division Office on January 16, 1980, and the Division Office checking is now in progress.

F 59-1(4)14 U-1
Clyde Park - North
One 151.5' Prestressed Concrete Girder Bridge
Contract Awarded: June 29, 1979
Contract Amount: $378,665.00
Proceed Order Date: July 20, 1979
Work Started: September 17, 1979

COP Construction Company
Billings, Montana
Jerry R. Branum, FPM
No Phone Livingston
Contract Time: 130 Working Days
Probable Completion: May 1980
Effective Opening Date: N.A.

The contractor suspended operations for the winter on December 14, 1979. This project is now 71% complete, with 65% of the contract time elapsed. The contractor has 46 working days of contract time remaining.

F 59-1(4)14 U-2
Clyde Park - North
GR., AGG. Surf. Pl. Mix Surf.
Length: 6.2 Miles
Contract Awarded: December 6, 1979
Contract Amount: $2,537,329. 50
Proceed Order Date: April 16, 1980
Work Started: February 19, 1980

Wickens Brothers
Lewistown, Montana
Donald J. Coughlin, FPM
Phone 222-7737 Livingston
Contract Time: 140 Working Days
Probable Completion:
Effective Opening Date:

Wickens Brothers began crushing plant mix surfacing aggregate on February 19, 1980. This material is being stockpiled at Clyde Park. At present, one superintendent and fifteen men are on the project. A six man engineering crew is on the project which is 0% complete with 0% of the contract time elapsed.

F 64-1(4)3 U-1
US 191 Spur to Big Sky
One 209' Prestressed Concrete Girder Bridge
Contract Awarded: June 29, 1979
Contract Amount: $312,828.14
Proceed Order Date: July 20, 1979
Work Started: July 25, 1979

Sletten Construction Company
Great Falls, Montana
Harold G. Heath, FPM
Phone 586-5074 Bozeman
Contract Time: 1-15-79
Completion Date: 11-16-79
Effective Opening Date: 11-16-79

The final estimate and supporting data were submitted to the Division Office on January 17, 1980, and Division Office checking of this final estimate is now in progress.

F 64-1(4)3 U-2
US 191 - Big Sky Spur
Gr., Dr., Agg., Surf., Pl. Mix Surf
Length - 6.1 Miles
Contract Awarded: August 24, 1979
Contract Amount: $4,095,893.40
Proceed Order Date: September 14, 1979
Work Started: September 21, 1979

Rehbein Contracting, Inc.
Plains, Montana
Harold G. Heath, FPM
Phone 586-5074 Bozeman
Contract Time: 180 Working Days
Probable Completion:
Effective Opening Date:

All work was suspended for the winter on November 30, 1979. The project is now 13% complete with 22% of the contract time elapsed. The contractor has 140 working days of contract time remaining.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass - West and Bozeman Pass - East (W. Sect.)
Grade, Agg. Surf., Plant Mix Base
Structures
Length - 7.1 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,688.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Ross M. Johnson, FPM - Grade
Phone 932-3722 Big Timber
Jerry R. Branum, FPM - Structures
Contract Time: 300 Working Days
Completion Date: 9-6-79
Effective Opening Date: 9-6-79

From two to six men have been working on the final estimate and supporting data the past period and it is estimated that all data will be submitted to the Division Office some time in April.

I 90-6(42)315 & I 90-7(44)318
Boz. Pass - West; Boz. Pass - East
Plant Mix Overlay
Length: 11.6 Miles
Contract Awarded: October 2, 1979
Contract Amount: $3,614,999.31
Proceed Order Date: 10-26-79
Work Started:

Zook Brothers Construction Co.
Great Falls, Montana
Ole F. Olson, FPM
Phone 586-5074 Bozeman
Contract Time: 120 Working Days
Probable Completion: 10-1-80
Effective Opening Date:

A Preconstruction conference was held in the Bozeman Division Office on January 17, 1980.

I 90-7(35)364 U-1
Big Timber - Greycliff
303.0' Composite Steel & Concrete
Girder Fr. & App.
Contract Awarded: 10-1-77
Contract Amount: $481,649.80
Proceed Order Date: 10-25-77
Work Started: 11-5-77

L.R. Huckuba Construction Co.
Cardwell, Montana
Ronald T. Hoyem, FPM
Phone 932-3272 Big Timber
Contract Time: 170 Working Days
Completion Date: 6-28-79
Effective Opening Date: N.A.

The final estimate and supporting data was turned into the Division Office on December 7, 1979 and Division Office checking of this final estimate is now approximately 95% complete.

I 90-7(35)364 U-2, I 90-7(35)364 U-4
I 90-7(34)375
Big Timber - Greycliff (E. Sect.)
Greycliff - East Access Road
G., Strs. @ Sta. 580+, 620, 680, 690
GS, PMS, G, GS, PMS
Length: 5.5 Mi., 6.4 Mi., 0.4 Mi.
Contract Awarded: April 11, 1979
Contract Amount: $5,633,978.53
Proceed Order Date: May 2, 1979
Work Started: May 2, 1979

Clark Brothers Construction
Victor, Montana
Roger E. Blossom, PE, FPM, Grade
Phone 932-3515 Big Timber
Ronald T. Hoyem FPM, Structures
Contract Time: 240 Working Days
Probable Completion: Sept. 1980
Effective Opening Date:

Clark Brothers resumed crushing operations the past week and five men are employed. A nine man engineering crew is currently assigned to this project which remains 42% complete with 55% of the contract time elapsed. The contractor has 110 working days of contract time remaining.

I 90-7(35)364 U-3
Big Timber - Greycliff (Mid. Sect.)
Length - 3.2 Miles
Grading, Agg., Pl. Mix Bitum.
Surf., 245.5' and 321.0' Prest
Conc. Girder Bridges
Contract Awarded: 2-20-79
Contract Amount: $2,812,366.01
Work Started: 4-27-79

Washington Construction Co.
Missoula, Montana
George A. Sitton, FPM, Grade
Phone 932-2485 Big Timber
Ronald T. Hoyem, FPM, Structures
Phone 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion: Sept. 1980
Effective Opening Date:

Progress has been slow with the contractor employing six men and working ten 8-hour shifts. Work has been on the irrigation culverts and irrigation channel changes. A seven man engineering crew is currently assigned to this project which is 65% complete with 62% of the contract time elapsed. The contractor has 69 working days of contract time remaining.

I 90-7(35)364 U-5
Big Timber - Greycliff
Girder Str. (Over Boulder River)
Dual 323' Prest. Conc.
Contract Awarded: 6-8-79
Contract Amount: $1,259,840.20
Proceed Order Date: 7-5-79
Work Started: 7-12-79

Sletten Construction Company
Great Falls, Montana
Ronald T. Hoyem, FPM
Phone 932-3272 Big Timber
Contract Time: 220 Working Days
Probable Completion Date:
Effective Opening Date:

Progress has been slow with the contractor employing between 11 and 17 men and working 42 eight hour shifts. Excavation for the footing of Pier No. 2 eastbound was completed on February 5, 1980, and 140 c.y. of Class DS Concrete was poured as a seal on February 7, 1980. Ninety c.y. of Class DD Concrete for the lower section of Pier shaft was placed on February 21, 1980. The contractor started setting the cofferdam for Pier No. 2 westbound on February 1, 1980. Sheets were in place on February 6 and driving of the sheeting was started on February 8, 1980. Footing excavation was begun on February 11, 1980. The contractor plans to pour the footing on or about March 6th. A four man engineering crew is assigned to this project which is 37% complete with 31% of the contract time elapsed. The contractor has 202 working days of contract time remaining.

I 90-7(35)364 U-6
I 90-7(35)364 U-7
I 90-7(41)359
F 90-1(2)0
Big Timber - Greycliff (W. Sect.)
Big Timber - Greycliff
Springdale - Big Timber (E. Sect.)
Big Timber - East & West
GR., Agg., Surf., Pl. Mix Surf. & Dual Girder Str.
Length: 11.6 Miles
Contract Awarded: August 24, 1979
Contract Amount: $9,061,336.92
Proceed Order Date: 9-25-79
Work Started: October 24, 1979

Hilde Construction Co., Inc.
Great Falls, Montana
Ross M. Johnson, FPM, Grade
Phone 932-3722 Big Timber
Dale DeVore, FPM - Structures
Contract Time: 270 Working Days
Probable Completion:
Effective Opening Date:

The structure subcontractor, COP Construction Co., has made good progress, employing between six and thirteen men and working five 8-hour shifts per week with overtime as required. Work during this past period has been on the DeHart Interchange and the Grade Separation at sta. 513. All piling items on the project are now complete. Footings have been placed at the DeHart Interchange and all columns are now in place. Forming for the caps at this site will be started in the near future. Work at the Grade Separation has consisted of forming for the footings. There was no work at the West Big Timber site this past period. At the present time the West Big Timber Interchange is 39% complete, the DeHart Interchange is 28% complete and the Grade Separation is 17% complete. As a whole the structure portion of this project is 30% complete. Hilde Construction began drilling of hard rock on February 19, 1980. Weather permitting he plans to begin a single shift on grading and culvert work on March 3, 1980. A nine man engineering crew is currently assigned to this project which is 10% complete with 13% of the contract time elapsed. The contractor has 236 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass - East (E. Section)
Grading, Agg., Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Proceed Order Date: 9-18-75
Work Started: 9-15-75
Contract Amount: $5,703,449.81

Clark Brothers Contractors
Victor, Montana
George Sitton, FPM
Phone 932-2485 Big Timber
Contract Time: 250 Working Days
Completion Date: 6-30-78
Effective Opening Date: 6-23-78

The final estimate and supporting data is in the Bozeman Division Office.

I 90-7(40)332
Livingston - East & West
Snow Fence
Contract Awarded: August 24, 1979
Contract Amount: $83,877.00
Proceed Order Date: 9-25-79
Work Started: 9-5-79

Askin Construction
Livingston, Montana
William G. Shuyler, FPM
Phone 222-1795 Livingston
Contract Time: 11-15-79
Completion Date: 11-21-79
Effective Opening Date: N.A.

The final estimate and supporting data was transmitted to Helena on Feb. 11, 1980. This will be the last report for this project.

RS-BRS 563-1(3)0 U-1
Springdale - Hunters Hot Springs
471' Structure and Approaches
Contract Awarded: July 27, 1979
Contract Amount: $980,785.39
Proceed Order Date: 8-17-79
Work Started: 9-18-79

Morgan & Oswood Const. Co., Inc.
Great Falls, Montana
Jerry R. Branum, FPM
No Phone Livingston
Contract Time: 240 Working Days
Probable Completion Date:
Effective Opening Date:

Progress during the period was fair. Work in progress consisted of removing shoring and cribs, Pier No. 2, excavating and placing Class DD Concrete for the footings of Bent No. 5 and erecting shoring and cribs, Pier No. 4. The contractor worked twenty-two 8-hour shifts which includes three double shift days during this period. An average of seven men are employed. The project as a whole is 27% complete with 27% of the contract time elapsed. Layout, with a three man engineering crew engaged, is 31% complete.

M 7403(3) & M 7404(3)
5th St. - Park to Front - Livingston
Front St. - Main to Cemetery - Livingston
Gr., Agg. Surf. and Signing
Length - 1.6 Miles
Contract Awarded: February 4, 1980
Contract Amount: $629,771.95
Proceed Order Date:
Work Started:

Rehbein Contracting, Inc.
Plains, Montana
William G. Shuyler, FPM
Phone 222-1795 Livingston
Contract Time: 90 Working Days
Probable Completion:
Effective Opening Date:

The Preconstruction conference will be held on March 6, 1980.

M 7412(3)
River Dr., 9th St., Livingston
Gr., GS, PMS
Length - 0.5 Mile
Contract Awarded: 10-4-78
Contract Amount: $202,557.00
Proceed Order Date: 10-25-78
Work Started: 10-30-78

Long Construction Company
Billings, Montana
William G. Shuyler, FPM
Phone 222-1795 Livingston
Contract Time: 80 Working Days
Completion Date: 7-6-79
Effective Opening Date: 6-29-79

The final estimate and supporting data was transmitted to Helena on February 11, 1980. This will be the last report for this project.

SMP 1699-79
Carbon Gallatin &
Sweet Grass Counties
Gravel Crushing
Contract Awarded: May 10, 1979
Contract Amount: $198,622.00
Proceed Order Date: May 31, 1979
Work Started: June 27, 1979

R.J. Studer & Sons
Billings, Montana
Contract Time: 60 Working Days
Probable Completion Date:
Walter H. Deighton, Mat'l Supr.
Phone 586-9562 Bozeman

With the exception of pit reclamation at three sites, this contract has been completed.

SMP 2999-79
Madison, Gallatin & Park Counties
Gravel Crushing
Contract Awarded: 10-31-79
Contract Amount: $229,600.00
Proceed Order Date: 11-21-79
Work Started: 12-6-79

Empire Sand & Gravel Co., Inc.
Billings, Montana
Contract Time: 75 Working Days
Probable Completion Date:
Walter H. Deighton, Mat'l Supr.

With the exception of pit reclamation at the Madison and Park County sites this contract has been completed.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EJR:mt
cc: Bozeman Division Office
Bozeman Division Lab
Lee Alt

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
MARCH 3, 1980

RECEIVED
MAR 3 1980

CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report for Division 3130 during the period February 5, 1980 through March 3, 1980.

GENERAL

Weather has been generally unfavorable with some light snow and rain, with temperatures ranging from $+10^{o}$ to $+50^{o}$.

PRE-CONSTRUCTION

IR 15-7(19) 312
Brady North & South
Length: 10.6 Miles
Survey Started: December 26, 1979
Survey Completed:

Tom Hammerbacker - Mgr. F.P.U.
Fairfield - Phone #467-2643

A 5 man survey crew has been engaged in establishing bench levels and running profile line.

RS 330-1(1) 0
Ulm - Cascade Loop
Location Survey (Additional Required Data)
Length: 19 Miles
Survey Started: October 25, 1979
Prob. Comp. Date: March 28, 1980

Stan Newton - Mgr. F.P.U.
Great Falls - Phone #452-2361

A 3 man engineering crew making additional section ties to original location. This supplemental survey is 60% complete.

F 60-2(3) - Great Falls - East
F 64(15)
Length: 9.537 Miles
Design Started: September 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June, 1980

No progress during this reporting period. Design remains 59% complete.

F 3-1(1)
Fairfield East & West
Design

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June, 1980

EAST SECTION - 4.9 MILES
One man worked 13 days making P.I.H. changes. Design is 71% complete.

F 9-1(1)
F 238(13) Bowman's Corner - Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361

SOUTH SECTION - 5.6 MILES
Design work on this portion will begin in the near future. Probable completion date - December, 1980.
MIDDLE SECTION - 5.4 MILES
No progress during this reporting period. Design remains 12% complete with probable completion date December, 1980.
NORTH SECTION - 3.8 MILES
Design work on this portion will begin in the near future. Probable completion date - December, 1980.

RS 218-1( )
Conrad - East
Pondera County
Design
Length: 9.8 Miles Overlay

R. Fransen - Designer II
Great Falls - Phone #452-2361
Work Started: June 27, 1979
Comp. Date: November 1, 1979

Design project is now completed and will be submitted with RS 365-1(2) 0 in the near future.

RS 365-1(2) 0
Brady - East
Pondera County
Design
Length: 6.9 Miles Overlay

R. Fransen - Designer II
Great Falls - Phone #452-2361
Work Started: June 27, 1979
Prob. Comp. Date: Mar. 15, 1980

One man worked 20 days re-templating x-sections and plotting topography on R/W prints. One man worked 17 days running earthwork quantities, designing drainage and plotting utilities. Design is 79% complete.

RS 565-1(1)
Simms - North
Length: 1.1 Miles
Design Started: September 10, 1979

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June, 1980

Project was ready for P.I.H. in January, 1979. However, landowner was dissatisfied with alignment. On March 8, 1979 State and County officials met with landowner and changed the alignment to the satisfaction of all concerned. One man worked 12 days making line projection and preparing design for P.I.H. Design is 43% complete.

RS-BRS 564-1( ) 4
Buck Bridge & Approaches
North of Carter
Chouteau County
Length: 1.1 Miles

Glen Enderson - Mgr. F.P.U.
Walter Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573

A 6 man engineering crew is engaged in running centerline and R/W limits for relocation of utility facilities. 80% complete.

U 60-2(1) 92
Warden Bridge - Great Falls
Cascade County
Design
Length: 0.58 Miles

H.D.R. Inc. of Montana - Helena
Phone #442-7400
Design Authorized: June 20, 1979
Estimated Comp.: April, 1980

The river crossing design is 99% complete, elevated structure 55%. The total project is 72% complete.

M 5212(1)
Great Falls South Arterial
Cascade County
Location & Design
Length: 7.6 Miles
Steering Committee meeting held Dec. 18, 1979

HKM Associates - Billings
Phone #245-6354 or #259-1993
Survey Authorized: Dec. 4, 1978
Work Started: Dec. 4, 1978
Estimated Comp.: Jan. 18, 1980

1. Draft Environmental Impact Statement & Location Study Report - Printing Completed.
2. Public Involvement - Public hearing displays completed.

Contract is 83% complete.

CONSTRUCTION

IR 15-1(62) U-1
Elastomeric Expansion Joints
Lewis & Clark, Cascade & Toole Counties
Contract Awarded: November 29, 1979
Amount of Contract: $187,204.00
Work Started:

Skinner Enterprises
P.O. Box 5447 - Helena
Don Harrison - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 100 Working Days
Prob. Comp. Date:

The preconstruction conference was held January 15, 1980. The "Notice to Proceed with Work" was dated effective April 16, 1980. Skinner intends to begin work on or about the proceed date.

I 15-5(50) 239 U-4
Cascade North & South (So. Section)
2 Structures and Add 2 Lanes
Cascade County
Length: 11.4 Miles
Contract Awarded: August 15, 1977
Amount of Contract: $2,622,646.97
Work Started: August 29, 1977

Rehbein Contracting, Inc. - Contr.
P.O. Box 339
Plains, Montana 59859
Harry Strong - Mgr. F.P.U. (Roadway)
Cascade - Phone #468-2801
Comp. Time: 160 Working Days
Comp. Date: May 19, 1979

I 15-5(50) 239 U-4 Continued

Project completed May 19, 1979. Engineering crew is engaged in other assignments. Final Estimate and Supporting Data submitted to Division office on February 29, 1980.

I 15-5(64) 238 U-2 Hardy Creek Ramps
I 15-5(50) 239 U-5 Cascade North & South
Cascade County
Surfacing
Length: 14.3 Miles
Contract Awarded: Aug. 25, 1978
Contract Amount: $3,412,155.85
Work Started: February 7, 1979

Hilde Const. Co. - Contractor
P.O. Box 2287
Great Falls, Mt. 59403
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Comp. Date: Jan. 15, 1980
Effective Opening Date: Oct. 9,1979

The project was completed January 15, 1980. Engineering crew engaged in compiling Final Estimate and Supporting Data. Expect to submit to Division on or about March 15, 1980.

M 5201(5) U-1
6th St. S.W. - Gt. Falls (So. Section)
Cascade County
0.4 Miles Grade, Gravel & Surf.
Contract Awarded: June 29, 1979
Amount of Contract: $1,698,505.95
Work Started: July 26, 1979

Hilde Const. Co.- Contractor
P.O. Box 2287, Gt.Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Prob. Comp. Date: July, 1980
Effective Opening Date:

No activity during this reporting period. Items and percentages remain the same. The project as a whole is 30% complete with 50% of the contract time elapsed.

M 5201(5) U-2
Structure on 6th St. S.W.- Gt. Falls
Cascade County
506 Feet in Length
Contract Awarded: May 13, 1977
Amount of Contract: $2,008,232.70
Work Started: June 21, 1977

Sletten Const. Co. - Contr.
P.O. Box 2467
Great Falls, Mt. 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 300 Working Days
Comp. Date: October 2, 1979

The project was completed October 2, 1979. Final Estimate and Supporting Data was submitted to Division office on December 5, 1979 and forwarded to Helena on February 5, 1980. Final report.

M 5201(5) U-3
6th St. S.W. - Gt. Falls (Middle Section)
Cascade County
0.3 Miles - Grade, Gravel & Surf.
Contract Awarded: October 2, 1979
Amount of Contract: $899,050.40
Work Started: October 25, 1979

Long Construction Co. Inc.
P.O. Box 1690
Great Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 120 Working Days
Prob. Comp. Date: October, 1980
Effective Opening Date:

No progress during this reporting period. The project remains 23% complete with 14% of the contract time elapsed.

M 5210(4) U-1
Structure on 1st Ave. No. - Gt. Falls
Cascade County
962 Feet in Length
Contract Awarded: Aug. 25, 1978
Amount of Contract: $5,188,929.19
Work Started: Sept. 21, 1978

Sletten Const. Co. - Contr.
P.O. Box 2467
Great Falls, Mt. 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 450 Working Days
Prob. Comp. Date: Oct. 1980
Effective Opening Date:

Traffic is using the completed upstream half of the structure, with all construction confined to the downstream portion. New Spans 2,3,4 & 5 are in place through beam elevations, with forming of deck in progress. All old Spans are removed except No. 8. A work bridge is being built at Span 7. Items and percentages complete are: Structure Exc. - 88%, Shoring & Cribs - 95%, "AD" Concrete - 62%, Re-steel - 50% and Prestress Beams (130') - 80%. The project as a whole is 69% complete with 42% of the contract time elapsed. Engineering crew engaged in layout, inspection and testing.

M 5217(3)
Central Ave. & 26th St. - Gt. Falls
Cascade County
Traffic Signals & Signing
Contract Awarded: May 10, 1979
Contract Amount $7,075.26
Work Started: July 31, 1979

Livesay Traffic Maintenance
1509 High Street - Gt.Falls
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Working Days
Prob. Comp. Date: April, 1980
Effective Opening Date:

No progress during this reporting period. The contractor is awaiting the remainder of signal materials. Project remains 34% complete with 30% of the contract time elapsed. Engineering crew is engaged in other assignments.

R.W. Freeman - P.E. - Supvr.
Division Construction Section
Great Falls

RWF/MRB/r

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

February 29, 1980

RECEIVED
MAR 3 1980
CONSTRUCTION BUREAU

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find division 3230 progress report for the period ending February 29, 1980.

GENERAL

The weather for the past reporting period has been fair with some snow. The temperatures ranged from a -25^{o} to a $+60^{o}$.

PRECONSTRUCTION

HHS 58-1 (1)
Fencing Survey
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F 10-2 (2) 79, Big Sandy - North
9.1 miles, Chouteau County
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

One man worked one day on this project this reporting period. The cross sections are plotted and inked. Plotting topog. on cross sections is 100% complete and hardshell is 100% complete. Design as a whole is 5% complete.

S 241-1 (01), Turner - Canadian Line
11.0 miles, Blaine County
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

The P.I.H. changes have been completed and the plans were returned to the Preconstruction Bureau on 10/22/79.

RS 236-2 (1) 65, Big Sandy - South
12.0 miles, Chouteau County
Preliminary Engineering

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

A five man survey crew has set all of the centerline control points. At the present time they are turning angles, setting curve points, and contacting land owners for permission to trespass. Sixty-four mandays were used through February 22, 1980.

RS 233-1 (2), Havre - North
12.0 miles, Secondary Rte. 233
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Work has been suspended until the typical section is received from Helena. Design as a whole is 5% complete.

F 44-1 (01), Valier - East
7.2 miles, Pondera County
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Design as a whole remains 13% complete with 59½ mandays used to date.

RS 552-1 (01), Sunburst - East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Field Project Manager
Browning, Montana
Telephone No. 338-2610

No work on this project during this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

RS-409-1 (1) Chester-North
5.2 miles, Liberty County
Construction Layout

Albert Ullrich, Field Project Manager
Havre, Montana
Telephone No. 265-5292

The project was reviewed with the County Commissioners on January 9, 1980. No other work on this project.

CONSTRUCTION

F-1-6 (2) 382
U.S. 2 - Havre - East Section
1.9 miles, Hill County
Grade, gravel surf., pl. mix surf. and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work Started: 7/20/77

Baltrusch Construction, Inc. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Completion Date: 7/18/79

Two men worked 19 mandays checking Final Estimate and supporting data which was completed and submitted to the Construction Bureau on February 25, 1980. This constitutes a final entry in this report.

I-15-8 (37) 343
Toole Co. Line - North
8.3 Mi. Toole Co.
pl. mix bit. surf.,
seal & cover
Contract Let: 9/27/79
Contract Amount: $840,874.19
Work not started.

Zook Brothers Construction Company
Great Falls, Montana
Harold D. Kelly, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 100 working days
Probable Completion Date: 7/30/80

The contractor worked two 8 hour shifts per day through Feb. 12 employing 12 men. Produced pl. mix surf. Gr. B aggr., ½ inch cover mat'l., and ½ inch C.T.S. Type A Gr. 4 mat'l. for maintenance stockpile. These items are 100% produced and stockpiled. The project as a whole is 14% complete with 0% of the contract time elapsed. The contractor worked three 8 hr. shifts moving the crusher off of the project. A 4 to 7 man engineering crew worked 19 days inspecting contractors operations and establishing centerline on N.B. and S.B. lanes from Sta. 116+00 to 290+00. Construction layout as a whole is 50% complete.

I-FI- 15-8 (26) 354 & I-15-8 (35) 353
Shelby-Oilmont Jct.
14.6 miles, Toole County
Grade aggr. surf., pl. mix
bit. surf., and structures
Contract Let: 1/25/79
Contract Amount: $8,165,151.42
Work Started: 3/11/79

Zook Brothers Construction Co.
Great Falls, Montana
Roadway:
James A. Dolan, Field Project Manager
Structures:
Clen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 240 working days
Probable Completion Date: 9/1/80

ROADWAY

The project is presently under a winter shutdown. A five to six man engineering crew is presently staking signs, re-staking grade raise and checking project notes. The roadway portion of the project is 53% complete with 53% of the contract time elapsed.

STRUCTURES

No work has been done during this past reporting period due to winter shutdown. The subcontract remains 90% complete. A two man engineering crew are working on other projects.

I-IG 15-8 (25) 379
Sunburst - Canadian Line
Sweetgrass - South, Sunburst - South
Gr. aggr. surf., pl. mix
bit. base, pl. mix bit. surf.,
structures, safety correction
& pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Manager
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77

The final estimate will be submitted after further review of grading computations has been accomplished.

RS-TQS 464-1 (2) 19 U-2
Browning - Babb (Duck Lake Road)
5.3 miles - Glacier County
Contract Let: 8/24/78
Contract Amount: $1,395,242.01
Work Started: 5/14/79

Rehbein Contracting, Inc.
Plains, Montana 59859
Hugh Klepzig, Field Project Manager
Browning, Montana
Telephone No. 338-2610
Contract Time: 120 working days
Probable Completion Date: 5/30/80

No work this reporting period. The project is on a winter shut down. A two man engineering crew checking construction notes and working on other minor projects. The project remains 95% complete with 91% of the contract time elapsed.

M5709 (3), Havre - 13th Street
0.4 miles, Hill County
Gr., aggr. surf., pl. mix bit. base
pl. mix bit. surf., curb & gutter
storm drain and lighting
Contract Let: 5/3/79
Contract Amount: $733,255.51

Baltrusch Construction, Inc. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 90 working days
Probable Completion Date: 5/5/80

There has been no work on the project this reporting period. All major contract items are now complete except for the roadway cover material and striping. The project as a whole is 90% complete and under a winter shutdown with 95% of the contract time elapsed. A four man engineering crew has been checking the field notes as time permits.

RS-233-1 (3) 0, Havre - North
9.7 miles, Hill County
Aggr. surf., pl. mix bit. base surf.,
seal and cover
Contract Let: 11/29/79
Contract Amount: $1,187,003.20
Work not started.

Hilde Construction Co., Inc.
Great Falls, Montana 59403
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 100 working days

A preconstruction conference was held on Monday, Feb. 4, 1980, in the Division office. The contractor anticipates starting work on 4/1/80 with the production of base surfacing. A five man engineering crew has been working on the construction layout as time permits. The construction layout as a whole is 10% complete.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

RECEIVED
MAR 3 1980
CONSTRUCTION BUREAU

DIVISION OFFICE
GLENDIVE, MONTANA
FEBRUARY 28, 1980

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending February 26, 1980.

GENERAL

Progress throughout the Division has been poor. Weather was mostly fair and mild with temperatures ranging from minus 10 degrees to plus 50 degrees.

PRECONSTRUCTION

F 20-2(1), SAVAGE - CRANE
Length - 8.0±Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer III
Design Started - August 4, 1975
Est. Comp. Date - May 31, 1980

No work on this project during the past period. Final P.I.H. recommendations have not been received from hydraulic section or on possible alignment changes. Design is 50% complete with 246½ mandays used to date.

RF 20-2(2), SIDNEY - FAIRVIEW
Length - 11.6±Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - June 1, 1980

A 4 to 9 man engineering crew worked 136 mandays this period. 5 mandays were spent checking bench levels, 5 mandays were spent taking x-sections from sta. 537± to 547±, 85 mandays were spent on topog, 36 mandays were spent on section ties and locating utilities, 5 mandays spent on plotting hardshell. Centerline run is 100% complete, B.M.'s set and checked are 100% complete, x-sections are 94% complete, topog is 99% complete, section ties are 99% complete, plan plotted is 68% complete, profile plotted is 81% complete, drainage is 18% complete and bridge situations are 74% complete. A total of 1832.5 mandays have been worked on the project making it 87% complete.

F 25-1(1), CIRCLE - NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978
Design Started - January 29, 1979

John M. Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Sept. 1, 1980

4 mandays were used field checking culverts this period. Centerline run, B.M.'s, x-sections, horizontal and vertical control for photogrammetry is 100% complete. Section ties are 80% complete, field notes checked are 50% complete, drainage area recommendations are 95% complete. A total of 450 mandays have been worked in the field making it 75% complete. Seventeen mandays used on design this past period working on plan sheets and additional excavation. Design is 10% complete with 80 mandays used.

S 201-2(1)39, PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Est. Design Comp. Date - Dec. 31, 1980

Design of this project remains 11% complete with 39 mandays used to date. A meeting with the County Commissioners is pending to determine what design to complete.

S 252-1(01), CIRCLE - NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - March 13, 1979
Est. Design Comp. Date - May 30, 1980

During the past period 4½ mandays were used on drainage and add excavation items. Design is 22% complete with 88½ mandays used to date.

RS 253-2(1)36, BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

SR 254-1(1)0, GLENDIVE - RICHEY
Length - 9.4±Miles
Survey Authorized - September 27, 1979

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - September 25, 1979
Design Comp. Date - Feb. 26, 1980

During the past period 13½ mandays were used on Field P.I.H. making P.I.H. changes, changing length of project and completing plan and summary sheets. Design is 80% complete with 23 mandays used to date. All design data was submitted to Helena on 2-26-80. This is the final report on this project.

S 323-1(1)47, ALZADA - EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Design Comp. Date - June 30, 1981

No work on this project during the past period. Horizontal control and elevations are 100% complete. Mapping has been completed by the Photogrammetric Unit. Plotting of centerline on the countour map is 90% complete. A total of 380½ mandays to date have been used on field work.

RS 323-1(3), LITTLE MISSOURI RIVER BRIDGE
Length - 1.0±Miles
Survey Authorized - February 16, 1979
Survey Started - October 1, 1979

Robert A. Passow, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - April 30, 1980

2 mandays used this past period placing centerline on the aerial map and marking cross sections wanted. Horizontal and vertical controls are 100% complete. The field notes have been submitted to Helena on November 16, 1979. A total of 25 mandays were worked on the project to date.

CONSTRUCTION

I-94-5(21)181, FALLON - DAWSON CO. LINE
Length 6.7 Miles
Pl. Mix Bitum. Surf.Seal & Cover
Contract Awarded - October 2, 1979
Amount of Contract - $1,050,861.36

Zook Brothers Construction Co.
Great Falls, Montana
Fld. Proj. Mgr. - Unassigned
Contract Time - 100 Working Days
Est. Comp. Date - August 30, 1980
Effective Opening Date - N/A

A preconstruction conference was held on January 4, 1980. The contractor advised at that time that they would possibly be paving during the month of May. No one assigned to the project at the present time.

I-94-6(23)202, GLENDIVE - WEST
I-94-6(28)209, GLENDIVE - EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix. Surf.,
Signing, Guardrail, and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
Ken Quale, Fld. Proj. Mgr. - Structure
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Comp. Date - October 31, 1977
Effective Opening Date - October 1976

Contract was completed on October 31, 1977 using 233 working days or 95% of the contract time. Final estimate is 100% complete with checking in the Division Office being 100% complete. Submittal to Helena is dependant on contractors review of earthwork quantities.

I-94-6(26)216, WIBAUX CO. LINE-WEST(WEST SECTION)
I 94-6(29)226,U-2,WIBAUX CO. LINE-WEST(EAST SECT.)
I 94-6(30)221,U-2,WIBAUX CO. LINE-WEST(MIDDLE SECT.)
Length - 16.9 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.,
Signing, Guardrail, and Structures
Contract Awarded - August 24, 1979
Amount of Contract - $11,396,442.47
Work Started - October 9, 1979

Duininck Brothers & Gilchrist
Box 208, Prinsburg, Minnesota 56281
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr. - Struct.
Glendive, Montana - Phone 365-5296
Contract Time - 250 Working Days
Probable Comp. Date - June 30, 1981
Effective Opening Date -

Progress this past period has been poor. Prime contractor, Duininck Brothers & Gilchrist employed 16 men working thirty-five, 11 hour shifts stripping topsoil & overburden off surfacing pit, and loading pit run gravel that is being hauled to stockpile pile site by Transystems, Inc. Sub-contractor Transystems, Inc. employed 38 men working thirty-five, 11 hour shifts hauling pit run gravel to stockpil site Rt. Sta. 920+, hauled approximately 322,000 tons of pit run gravel; making this operation 100% complete. Transystems completed their sub-contract work February 22, 1980. Sub-Contractor, Candee Construction Co. employed 2 men working three 9 hour shifts working part time stripping topsoil and overburden off surfacing pit. The project is 3.6% complete with 41 working days or 16% of the contract time elapsed. Construction layout is 78% complete with 3 engineers assigned.

IR 94-7(15)233, WIBAUX EAST & WEST(EAST SECTION)
Length - 6.5 Miles
Plant Mix Bitum. Surf., Seal & Cover
Contract Awarded - May 10, 1979
Amount of Contract - $872,076.50
Work Started - July 20, 1979

Meyer Construction Company
P.O. Box 1417, Billings, Mt. 59103
Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 100 Working Days
Probable Comp. Date - June 30, 1980
Effective Opening Date - N/A

(continued)

IR 94-7(15)233, WIBAUX EAST & WEST (EAST SECTION)

(continued)
There was no work on the project this past period. All major items except those involving seal and cover operation and seeding are complete. Construction layout is 95% complete with 1-2 men assigned, part time, checking notes and preparing final. The project as a whole is 80% complete with 89 working days or 89% of the contract time elapsed.

F 57-7(5)328, MERRILL AVENUE - GLENDIVE
Length - 0.7 Miles
Grading, Aggr. Surf., Pl. Mix Surf., Seal Cover, Curb & Gutter, Signing & Lighting
Contract Awarded - Febraury 20, 1979
Amount of Contract - $1,272,404.81
Work Started - May 10, 1979

Gus M. Albert, Contractor
Box 370, Miles City, Mt. 59301
H.D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 110 Working Days
Prob. Comp. Date - June 1, 1980
Effective Opening Date - October 12, 1979

There was no work on this project this past period as contractor is on winter shutdown. All major items except those involving the seal and cover, which will be done next season are complete. Construction layout is 100% complete with 1 to 3 people in the office working on notes, white prints and summaries. Project as a whole remains 97% complete with 126 days or 92% of the contract time allowed elapsed.

M 5004(1), MERRILL & BELL - GLENDIVE
Traffic Signal Upgrade
0.0 Miles
Contract Awarded - April 4,1979
Amount of Contract - $31,631.80
Work Started - July 23, 1979

Western Sign Corp.
Box 2669, Great Falls, Mt. 59403
H.D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 45 Working Days
Prob. Comp. Date - March 30, 1980
Effective Opening Date - N/A

There was no work on this project this past period. Prime contractor, Western Sign Corp. has not received the rest of his materials. Construction layout is 98% complete with no people assigned. Project as a whole is 55% complete with 25 days or 50% of the contract time elapsed.

Respectfully,

Bruce Russell

Bruce Russell, P.E., Supervisor,
Division Construction Section

BR:JMB:pz

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
February 29, 1980

PROGRESS REPORT
Division 4230

RECEIVED
MAR 3 1980
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Gentlemen:

The following Construction Progress Report is for the period ending February 29, 1980.

GENERAL

Weather the past period has varied from cool to warm temperatures with some snow flurries. Progress on road and bridge construction has been fair. The temperatures ranged from a low of minus 8 degrees to a high of 38 degrees.

PRECONSTRUCTION

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized - 05-27-70
Location Survey Started - 12-09-74
Location Survey Completed - 05-02-79

James E. Baldwin, Fld Prj Mgr
Culbertson, Montana
787-5701
Design Started - 09-01-78
Est. Compl. Date (PIH) - 4-15-80

All field notes were submitted to the division office on Jan. 21,1980. The line change is 100% complete with 1353 man days used to date. Eighteen man days used on design this period for a total of 216 man days used to date. Due to the line change, design is approximately 10% complete.

F 32-1(01), Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Location Survey Started - 12-22-76
Authorized - 11-04-76
Compl. Date - 06-14-79 (Location)

Robert M. Hanson, Designer III
Wolf Point, Montana
Design Started - 12-28-78
Est. Compl. Date (PIH) - 05-15-80

Location survey field work is 100% complete. No man days were used on design this period. A total of 43 man days used to date. Design remains 7% complete. Profile map submitted to Helena for proposed typical section.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles
Authorized - 01-22-75
Location Survey Resumes - 01-11-79
Location Survey Suspended - 03-30-79

Douglas Durocher, Fld Proj Mgr
Wolf Point, Montana
Est. Compl. Date - 10-31-79
Design Started - 06-01-79
Est. Compl. Date (PIH) - 06-15-80

F 32-2(02), Scobey-South (Cont.)

All field notes and supporting data was submitted to the division office on 01-08-80. The survey is 100% complete with 653 man days used. A six man engineering and inspection crew are engaged on other projects. Profile map submitted to Helena for proposed typical section.

F 62-1(3)3, Missouri River Bridge
South of Culbertson
Location Survey Started - 02-20-79

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date -

Bridge site situation sheet submitted to Helena on 05-23-79. A total of 15 man days have been used to date on location survey.

RS 258-1(1)0, Reserve-East
Approximately 11.0 Miles in Length
Authorized - 08-24-79

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date -

Four to five man survey crew worked 66 man days this past period securing permits to survey from landowners, setting control points, running fly line, and running traverse with DMD instrument. No work on major survey items until DMD traverse is closed. The project as-a-whole is 0% complete with 89 man days used to date. Estimated date of completion is June 1, 1981.

RS 344-1(2)15, Froid-West
Approximately 7.5 Miles in Length
Authorized - 05-01-78

Douglas Durocher, Fld Proj Mgr
Wolf Point, Montana
653-1050

A six man survey crew worked 98 man days this past period and completed placing centerline stakes from Sta. 74+00 to 98+00, 188+00 to 290+00 and running an alternate "A" line on the beginning of the survey Sta. 0+00 to 25+00, referencing control points Sta. 0+00 to 395+69.8, gathering topography Sta. 0+00 to 395+69.8, setting out bench marks the entire project, running levels and check levels Sta. 0+00 to 285+00. Percentages complete on the location survey are: Centerline, Traverse Closure, Section Ties, and Topography 100%, Levels and check levels 72%, Drainage areas and recommendations 50%. The project as-a-whole is 64% complete with 214 Man days used to date.

CONSTRUCTION

F TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541
& F 42-3(3)75, Glasgow-Northwest
6.3 Miles in Length
Grading, Aggregate Surfacing, Plant Mix Base & Surfacing, Storm Sewers, signing
Two 114.0 Concrete Slab Bridges, Seal & Cover
Contract Let - 08-24-78
Contract Awarded - 08-25-78
Proceed Order Date - 09-15-78
Work Started - 09-26-78
Amount of Contract - $3,256,676

Earth Builders, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days - 180
Prob. Compl. Date - 06-80
Effective Opening Date

F TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541
& F 42-3(3)75, Glasgow-Northwest (Cont.)

Project on winter shut down. Items and percent complete are: Bridges 100%; Grading 80%; Metal pipe 95%; Storm sewer 45%; Curb and Gutter 30%; 1½" CBC 30%; Grade "C" PMS 10%. All grades of surfacing aggregates are 100% stockpiled. The project as-a-whole is 45% complete with 129 days or 70% of the contract time elapsed. The construction layout is 95% complete. Engineering and inspection crew assigned to other projects for the winter.

F 1-9(8)541 & RS 246-1(4)0
Two traffic signals City of Glasgow
Installation of Traffic Signals
Contract Let - 12-12-78
Contract Awarded - 12-15-78
Proceed Order Date - 04-16-79
Work Started - 05-15-79
Bid Price - $59,837.06

Livesay Traffic Maintenance, Inc.
Great Falls, Montana
James E. Baldwin, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days - 45 (See Spec. Prov.)
Prob. Compl. Date - 09-15-79
Act. Compl. Date - 09-02-79

All work on project is 100% complete. No work on final estimate and supporting data this past period due to other assignments. Final preparation is 95% complete with an estimated date of submission to the Division Office of March 15, 1980.

F 1-0(6)611, Poplar-Brockton
14.5 Miles in Length
Plant Mix Overlay, Seal & Cover
Contract Let - 07-27-78
Contract Awarded - 08-06-78
Proceed Order Date - 08-17-78
Work Started - 08-17-78
Bid Price - $294,378.70

Gus M. Albert
Miles City, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days - 100
Act. Compl. Date - 07-05-79
Effective Opening Date - 06-26-79

All work on this project completed on July 5, 1979. One man working on final preparation and checking when time permits. Estimated date of submission of the final to the Division Office is March 1, 1980. Final is now 98% complete.

TQF 32-1(2), Macon North & South
6.2 Miles in Length
Grading, Aggregate Surfacing, Plant Mix Bituminous Base, Plant Mix Bituminous Surfacing, Fencing & Signing
Contract Let - 06-22-78
Contract Awarded - 06-23-78
Proceed Order Date - 07-14-78

Hilde Construction Co.
Great Falls, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days - 150
Act. Compl. Date - 10-18-79
Effective Opening Date - 10-05-79

Project is 100% complete. One man working on final data.

RS 344-1(1)0 & RS 405-1(1)18,
Brockton-Froid & Froid East
30.9 Miles in Length
Seal & Cover
Contract Let - 05-31-79
Contract Awarded - 06-08-79
Proceed Order Date - 06-29-79
Work Started - 06-26-79
Bid Price - $344,675.00

Gus Albert
Miles City, Montana
Douglas A. Durocher, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days - 45
Est. Compl. Date - 06-30-80
Effective Opening Date -

No work on the project this past period. The project is on a winter shut down. All items remain the same as previously reported until after May 15, 1980. A six man engineering crew is engaged on other projects.

SMP 3699-80, Maintenance Stockpiles
Contract Let - 1-31-80
Contract Awarded - 02-04-80
Proceed Order Date -
Work Started -
Bid Price - 189,590

Wickens Brothers
222 S.W. Ash
Lewistown, Montana 59457
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date -

No work in progress.

SMP 4699, Maintenance Stockpiles
Contract Let - 03-29-79
Contract Awarded - 04-04-79
Proceed Order Date - 04-25-79
Work Started - 06-18-79
Bid Price - $167,712.00

Meyer Construction Co.
Billings, Montana
Leroy E. Anderson, Matl. Supr.
Wolf Point, Montana
653-1050
Working Days - 65
Prob. Compl. Date - 04-15-80

All items are now 100% complete except for temporary fencing and seeding. Contract is 99% complete with 95% of the contract time elapsed.

RRO 4686 (3)
Grade Crossing Signals (Off System)
Plentywood-Main Street
Agreement Dated - 08-02-79
Work Started -
Agreement Price - $79,260.00

Burlington Northern, Inc.
2224 Montana Ave.
Billings, Montana
Douglas A. Durocher, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date -
Effective Opening Date -

Burlington Northern Inc. was given the proceed order 08-07-79. No work on project to date.

Robert M. Hanson
for Vernon D. Borden, P.E., Supv.
Division Construction Section

VDB:RH:cj

cc: Field Project Managers
Don Williams
Leroy Anderson
File

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STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

Billings, Montana
March 3, 1980

Following is the Preconstruction and Construction Progress Report in Division 5130 for the period ending March 3, 1980.

GENERAL

Temperatures ranging from -7 to +65 degrees prevailed with .74 inches of precipitation received during the reporting period. The majority of the construction projects are on winter shutdown with minor work being performed as weather permits.

PRECONSTRUCTION

FI 90-9(50) 485 7 Mi. West of Hardin
Length 0.1 Miles
Survey Authorized: 6-8-78
Work Started: 6-6-79

Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138

During the past reporting period, the survey crew has completely remeasured the pipe and taken a cross section of the pipe. One man worked in the office plotting the pipe. Field survey work is 100% complete, and the plotting and office work is 100% complete. The project as a whole is approximately 100% complete and the completed survey information has been submitted to Helena for design. This will be the final report.

Fu -1(2) 26 Bridger-Fromberg
Length 7.5 Miles
Design Received: 5-26-78
Design Started: 7-12-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

Two men worked on this project during the past reporting period, plotting construction limits on a set of R/W plans, checking field notes on the section corner ties and attending the pre-plan in hand inspection that was held February 20, 1980. Design work remains at 22% complete.

F 23-1(2) 2 Miles City So. - No. Sec.
5.435 Miles Design Work
Design Started: 11-20-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

Two men worked on this project during the past reporting period, designing work summary sheets, plotting the cross section templates, transferring notes from the cross sections to the summary sheets and linen plan and profile sheets. This project will be ready for a plan in hand inspection in the very near future. Design work is 25% complete.

M 1020 (1) 1st Ave. No. - Billings
Division St. to 22nd Street
1.0 Miles Design Work
Design Started: 6-5-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 6-27-80

M 1020 (1) 1st Ave. No. - Billings
Division St. to 22nd Street (Cont'd.)

No work was accomplished on this project during the past reporting period. Design work remains 10% complete.

RS 306-1(1) 0 Columbus - North
3.887 Miles Design Work
Design Received: 3-30-77
Design Started: 9-15-77

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-1-82

No work was accomplished on this project during the past reporting period. Design work is 25% complete.

RS 308-1(4) 9 Belfry West
5.244 Miles Design Work
Design Started: 5-21-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-8-83

No work was accomplished on this project during the past reporting period. Design work remains 12% complete.

DP 384-2(1) Sarpy Crk. Rd. No. Section
11.218 Miles Design Work
Design Work Not Started

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 09-26-80

No work was accomplished on this project during the past reporting period. Design work is 1% complete.

DP 37-1(1) 8 Crow Agency-Busby (Center Sec)
8.812 Miles Design Work
Design Started: 2-22-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 12-12-80

Two men worked on this project during the past reporting period, reviewing the field profile and revising grade lines. Design work remains 14% complete.

DP 37-1(1) Crow Agency-Busby (East Sec.)
9.446 Miles Design Work
Design Not Started

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-3-81

No work was accomplished on this project during the past reporting period. Alignment has been selected and major drainage areas have been surveyed; section corners have also been located. Design work is 1% complete.

RS 302-1(1) 0 Molt - Rimrock Rd.
Length: 6.0 Miles
Survey Authorized: 12-24-79
Survey Began: 2-20-80

Micahel Zahn, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827

One man worked on this project during the past reporting period, attending a field review of the project and some layout work on the paper summary sheet has been finished. Design work is listed as 0% complete. A four man crew worked 24

RS 302-1(1) 0 Molt - Rimrock Road (Cont'd.)

man-days during the past reporting period locating reference points and running centerline from 73+30.6 to 340+00 or 84% complete. Other items on the survey are 0% complete.

DP 314-1(1) 18 Decker - Busby
Length: Approximately 15 Miles
Survey Authorized: 4-30-79
Survey Began: 10-1-79

Michael Zahn, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827

Work on this survey will resume when weather conditions improve and a survey crew is available.

CONSTRUCTION

ER 90-8(88) 078 Pryor Crk. Bridge Flood Repair & Riprap - Yellowstone County
Contract Awarded: 7-27-79
Amount of Contract: $69,797.80
Proceed Order Date: 8-17-79
Work Started: 8-20-79

Baltrusch Const. Co., Inc. & Affiliates
Havre, Montana
Michael Zahn, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827
Contract Time: 60 Working Days
Probable Completion Date: 4-1-80
Effective Opening Date: N/A

The contractor worked one day with two men employed. He finished placing riprap. Riprap items are 100% complete; Filter Items are 100% complete; Placement of embankment is 100% complete; and Fencing Items are 100% complete. Final clean-up work remains and will be completed when weather permits. The project is 97% complete with 85% of the contract time elapsed. Construction layout is 100% complete. Two engineering personnel were assigned to the project for construction inspection.

I 90-9(33) 516 Lodge Grass No. - No. Sec. 9.146 Miles Grade, Drain, PMBB, PMBS and Structures
Big Horn County
Contract Awarded: 3-1-79
Amount of Contract: $9,162,711.88
Proceed Order Date: 3-1-79
Work Started: 4-16-79

Hilde Construction Company, Inc.
Great Falls, Montana
Ray Schaak, Fld. Prj. Mgr., Roadways
Lodge Grass, Montana
Phone No. 639-2964
Don Taylor, Fld. Prj. Mgr., Structures
Hardin, Montana
Contract Time: 300 Working Days
Probable Completion Date: 9-30-80
Effective Opening Date:

No progress. No work was done by the prime contractor, Hilde Construction Company, Inc., during the reporting period. The contractor began moving gravel crushers onto the project and will begin crushing and stockpiling 1½" Plant Mix Base gravel on March 3, 1980, weather permitting. The bridge sub-contractor, Flynn Company, Inc., worked four eight hour shifts employing six men. Work in progress consists of finishing diaphragms on the West Frontage Road Bridge at station 285 and forming diaphragms and erecting overhand jacks on the east bound structure at station 301. Grading items are 90% complete, drainage items are 90% complete, surfacing items are 16% complete, fencing items are 77% complete, miscellaneous items are 30% complete and structure items are 64% complete. A 12 - 14 person engineering crew worked 18 eight hour shifts remeasuring mainline excavation quantities, computing

I 90-9(33) 516 Lodge Grass N. - N. Sec. (Cont'd.)

bridge quantities and on construction inspection. The project is 54% complete with 47% of the contract time elapsed. Roadway construction layout is 87% complete, structure layout is 47% complete.

I 90-9(54) 525 & F 73-1(2) 0	Peter Kiewit Sons' Company
Lodge Grass No. - So. Section &	Billings, Montana
Lodge Grass I Conn.	Roddo Bakich, Fld. Prj. Mgr., Roadways
6.6 Miles Grading, Drain, PMBB	Lodge Grass, Montana
PMBS and Structures	Phone No. 639-2968
Big Horn County	James Rangitsch, Fld. Prj. Mgr., Structures
Contract Awarded: 4-4-79	Lodge Grass, Montana
Amount of Contract: $9,400,893.08	Contract Time: 300 Working Days
Proceed Order Date: 5-2-79	Probable Completion Date: 9-1-80
Work Started: 5-14-79	Effective Opening Date:

No progress during this reporting period by the prime contractor Peter Kiewit Sons' Company. Flynn Company, Inc., bridge sub-contractor, worked 15 eight hour shifts employing an average of eight persons. They completed forming the abutment walls and wingwalls at Abut. #2 East Bound of the Lodge Grass Interchange, Abut. #1 of the Bridge over the Little Big Horn River and placed concrete for the walls at Abut #1 of the River Bridge. Three men are assigned to the structure layout, inspection and quantity computations. Percentage complete of various items are grading items 82%, drainage items 82%, surfacing items 17%, fencing items 79%, miscellaneous items 39% and concrete items 23%. The project is 47% complete with 37% of the contract time elapsed. An average of 11 persons were assigned to the project. The engineering layout is 46% complete.

I 94-1(37) 50 U2 and I 94-2(20) 51	Earth Builders, Inc.
Big Horn River East and West	Bismarch, North Dakota
5.9 Miles Grading, Agg. Surf.	George Hein, Fld. Prj. Mgr., Roadways
Pl. Mix, Bit. Surf.	Don Taylor, Fld. Prj. Mgr., Structures
117.25' Structures	Hardin, Montana
Contract Awarded: 12-15-77	Phone No. 665-3027
Amount of Contract: $1,848,510.69	Contract Time: 160 Working Days
Proceed Order Date: 4-17-78	Completion Date: 11-7-79
Work Started: 2-9-78	Effective Opening Date: 6-28-79

The checking of the final estimate and supporting data has been completed and is awaiting transportation to Helena. This will be the final report.

RS TQS 308-1(3) 0 Red Lodge East(2nd Sec)	Wickens' Brothers
4.4 Miles	Lewistown, Montana
Grade, Drain, Agg. Surf., PMBS & PMBS	Michael Zahn, Fld. Prj. Mgr.
Overlay Carbon County	Billings, Montana
Contract Awarded: 5-31-78	Phone No. 248-3827
Amount of Contract: $1,159,537.03	Contract Time: 150 Working Days
Proceed Order Date: 6-21-78	Completion Date: 8-14-79
Work Started: 6-19-78	Effective Opening Date: 8-2-79

The final estimate and supporting data was submitted to Helena on February 25, 1980. This will be the final report.

RS TQS 384-1(2)19 Hardin-Sarpy Crk
11.6 Miles
Grade, Drain, Agg. Surf., & PMBB
Big Horn & Treasure Counties
Contract Awarded: 5-31-78
Amount of Contract: $2,508,618.45
Proceed Order Date: 6-21-78
Work Started: 7-18-78

McIntyre Construction Company, Inc.
and S. Birch, Inc.
Great Falls, Montana
Don Kittelson, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 200 Working Days
Completion Date: 10-18-79
Effective Opening Date: 7-31-79

Two men are assigned to the office compiling, computing and checking data for the final estimate. The final estimate should be submitted to the Division Office on or about March 1, 1980. Division Office checking of final quantities is approximately 70% complete.

DP 314-1(3) 0 Wyoming Line - Northwest
3.7 Miles
Plant Mix Surf. Overlay & Striping
Big Horn County
Contract Awarded: 7-6-79
Amount of Contract: $627,600.37
Proceed Order Date: 7-27-79
Work Started: 8-20-79

James Kraus, Contractor
Great Falls, Montana
Gerald Loran, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 60 Working Days
Probable Completion Date: 6-1-80
Effective Opening Date: N/A

No work was done by the contractor for this reporting period. All items remain the same as previously reported. The project as a whole remains 38% complete with 80% of the contract time elapsed. Two people working in the office are checking notes and running end areas.

HHS 16-1(10) 0 No. Frtg. Rd. & Lockwood Lane, Billings
0.0 Miles
Traffic Signals, Signing & Med. Curb
Yellowstone County
Contract Awarded: 5-10-79
Amount of Contract: $43,848.00
Proceed Order Date: 5-31-79
Work Started: 7-10-79

Midland Electric Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Effective Opening Date: N/A

The contractor is presently on a suspend work, winter shutdown order in accordance with the Standard Specifications. The poles arrived on the project on February 21, 1980, and the contractor has worked four shifts and employed three to four men erecting standards and pulling wire on the project. Contract time elapsed is 16 working days or 35% to date and a total of 29 working days remain. The project as a whole is approximately 80% complete.

F 16-1(11) 1 Var. Int. - Billings
0.0 Miles
Traffic Control Devices
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $345,143.00
Proceed Order Date: 6-29-79
Work Started: 7-23-79

Midland Electric Company & One Way Sign Company (J. V.)
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 60 Working Days
Probable Completion Date: 5-1-80
Effective Opening Date: N/A

F 16-1(11) 1 Var. Int. - Billings (Cont'd.)

The contractor is presently on a suspend work, winter shutdown order in accordance with the Standard Specifications. The contractor has worked nine shifts pulling wire and hanging signals and mastarms on the project. Electrical items on the project are approximately 75% complete. All other items on the project remain the same. Time elapsed on the project is 44 working days or 71% to date and 18 working days remain. Two additional working days have been issued for change order number one. The project as a whole is approximately 74% complete.

HES 1025(2) 6th Street West Overpass
Billings
0.0 Miles
Ice Warning System
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $52,973.30
Proceed Order Date: 6-29-79
Work Not Started

Yellowstone Electric Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 30 Working Days
Probable Completion Date: 4-1-80
Effective Opening Date: N/A

The contractor has done no work on the project since the past reporting period. No contract time has been charged to the project in accordance with Special Provision 1 C-2, and Standard Specification Art. 08-06 (B).

AR 9562 Bridge & Approaches
0.02 Miles Pryor Creek Bridge and Approaches on Old U.S. 87
Yellowstone County
Contract Awarded: 6-29-79
Amount of Contract: $189,352.00
Proceed Order Date: 7-20-79
Work Started: 7-24-79

COP Construction Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 100 Working Days
Probable Completion Date: 5-1-80
Effective Opening Date:

The contractor has worked three and one half shifts moving and placing unclassified excavation on the project. Excavation-unclassified is approximately 95% complete. All other items on the project remian the same. Contract time elapsed is 78 working days or 78% to date and a total of 22 working days remain. The contractor is presently on a winter shutdown, and the project as a whole is appproximately 74% complete.

FAS 314 Relocation: Decker-Busby
By Northern Energy Resources
5.6 Miles Road Relocation
Big Horn County
Proceed Order Date: 5-1-79
Work Started: 8-13-79

Washington Construction Company, Inc.
Missoula, Montana
Colin Murray, Fld. Prj. Mgr., Engineer
Decker, Montana
Contract Time: 448 Calendar Days

Contractor is on a winter shutdown. No personnel are assigned to the project until the contractor resumes work in the spring.

Respectfully submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/MCV/lg

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
February 29, 1980

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Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending February 29, 1980, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies, occasional periods of light precipitation and above normal temperatures prevailed during the period. Temperatures ranged from -14° to 58°. All construction projects are in good travel condition.

PRECONSTRUCTION

F 23-1 (2) 7 - Miles City-South (South Section)
Length - 6.9 Miles
Design Started: May 16, 1979

A.D. Anderson, Designer III - Design
D.L. Stewart, F.P.M. - Location
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Dec. 19,1980

No work was performed on this project during the past period. A field review was held September 26, 1979. Design remains 10% complete with 60 man-days used. Project Manager D.L. Stewart and crew began work on a 1.5 mile line change on the South end of this project January 14, 1980. Work in progress during this period has consisted of taking topography on 1.5 miles and taking cross sections on 0.5 mile. Field work has been completed. The line change as a whole, with a one-man engineering crew engaged is 60% complete.

DP 39-1 (3) 38 - Colstrip to I-94
(Armell's Creek-North and South)
Length 6.4 Miles
Design Started: November 21, 1977

A.D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Aug. 29,1980

Work in progress during the past period consisted of placing right-of-way limits on the construction plan sheets. Seven man-days were used during the period, making a total of 520 man-days. Design as a whole is 90% complete.

DP 447-1 (4) 16 - 16 Miles South of Rosebud-South (Snyder Creek-North Section)
Length - 9.1 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977
Survey Resumed: January 2, 1980

R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: April 30,1980

Work in progress during the past period consisted of taking cross sections on 5.8 miles, taking topography on 9.1 miles, plotting plan on 1.0 mile and profile on 5.0 miles. To date, centerline and levels have been run and topography taken on 9.1 miles or 100% complete. Cross sections have been taken on 6.6 miles or 73% complete. Plan has been plotted on 4.0 miles or 44% complete. Profile has been plotted on 5.0 miles of 55% complete. 145 man-days were used during the past period making a total of 409 man-days. The survey as a whole, with a ten-man engineering crew engaged, is 69% complete.

M 8008 (1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Started: March 6, 1978
Survey Suspended: Feb. 22, 1980

D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Dec. 15,1980

Work on this project was resumed on February 4, 1980. Work in progress since that date has consisted of checking field notes on 0.5 mile, plotting plan on 0.5 mile and plotting profile on 1.0 mile. To date, centerline and levels have been run, cross sections and topography taken, section ties made and plan and profile plotted on 1.0 mile or 100% complete. 112 man-days have been used. The Custer County Water and Sewer District is currently placing water and sewer lines through this entire project. All work was suspended on this survey pending completion of this work. The survey as a whole is 80% complete.

CONSTRUCTION

IR 94-1 (45) 16 U-1
Expansion Joint Replacement at Six Structure Locations in Rosebud, Custer, Prairie, and Wibaux Counties
Contract Let: November 29, 1979
Proceed Order: April 16, 1980
Amount of Contract: $160,712.00
Work Not Started:

COP Construction Company, Contractor
Billings, Montana
W.D. Dane, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 90 Working Days
Probable Completion Date: July 30,1980
Effective Opening Date: N/A

The contract for this project was let November 29, 1979. To date the contractor has not advised us when he plans to begin work. None of the contract time has elapsed. Construction layout, with a one-man engineering crew engaged, is 5% complete.

I 94-3 (29) 90 U-2 - Forsyth-East and West
Length - 5.745 Mi. Grade., Gravel Surf., Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, and 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - U.S. 12-I. Conn.-Forsyth
Length - 0.306 Mi. Grade., Gravel Surf. Pl. Mix Surf., Sign., and 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
R.R. Garland, Fld. Proj. Mgr. (Roadway)
W.D. Dane, Fld. Proj. Mgr. (Structure)
Forsyth, MT - Tel. No. 356-2230
Contract Time: 300 Working Days
Actual Completion Date: May 31, 1979
Effective Opening Date: Oct. 4, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions May 31, 1979. Formal inspection and acceptance were made June 1, 1979. The Final Estimate was submitted to the Division Office February 26, 1980 and is currently 90% complete.

I 94-3 (34) 90 - Forsyth-East and West
Length - 5.7 Miles Pl. Mix Surf., Seal & Cover
Contract Let: September 27, 1979
Proceed Order: October 26, 1979
Amount of Contract: $734,778.80
Work Started: January 16, 1980

Zook Brothers Contruction Co.
Great Falls, Montana
R.R. Garland, Field Project Manager
Forsyth, MT - Tel. No. 356-2230
Contract Time: 80 Working Days
Probable Completion Date: June 30,1980
Effective Opening Date:

I 94-3 (34) 90 - Forsyth-East and West, Continued
Progress during the past period has been fair. 17,690 tons of Plant Mix Aggregate were produced and stockpiled making a total of 27,690 tons or 100% complete. The contractor worked fifteen 8-hour shifts with six men employed. The project as a whole is 1% complete with none of the contract time elapsed. Construction layout, with a two-man engineering crew engaged, is 2% complete.

F-TQF-23-3 (2) 119 - Broadus-Wyoming Line
Length - 20.4 Miles Plant Mix Overlay
Contract Let: April 27, 1978
Proceed Order: May 22, 1978
Amount of Contract: $1,580,737.80
Work Started: August 21, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 90 Working Days
Actual Completion Date: June 18,1979
Effective Opening Date: Oct. 10,1978

All items were completed in conformance with Plans, Specifications, and Special Provisions June 18, 1979. Formal inspection and acceptance were made June 19, 1979. The Final Estiamte was submitted to the Division Office October 1, 1979 and is currently 92% complete.

F-TQF-DP 39-1 (5) 44 U-1-Colstrip to I-94 (North Section)
Length - 7.0 Miles Grade., Agg. Surf., and Plant Mix Surfacing
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $2,397,998.99
Work Started: June 20, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
R.R. Garland, Field Project Manager
Forsyth, MT - Tel. No. 356-2230
Contract Time: 200 Working Days
Actual Completion Date: Oct. 31,1979
Effective Opening Date: Sept. 20,1979

All items were completed in conformance with Plans, Specifications, and Special Provisions October 31, 1979. Formal inspection and acceptance were made November 1, 1979. The Final Estiamte with a two-man engineering crew engaged is currently 80% complete and will be submitted to the Division Office about March 28, 1980.

RS 447-1 (3) 8 - 8 Mi. South of Rosebud-South
Length - 4.1 Miles Grade., Agg. Surf. & Pl. Mix Base Surfacing
Contract Let: May 3, 1979
Proceed Order: May 31, 1979
Amount of Contract: $1,241,949.83
Work Started: June 4, 1979

Wickens Brothers, Contractor
Lewistown, Montana
R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 150 Working Days
Probable Completion Date: June 1,1980
Effective Opening Date: Nov. 16,1979

No work was performed on this project during the past period. All items have been completed with the exception of seal and cover and final striping. The project as a whole is 96% complete with 76% of the contract time elapsed. Construction layout, with a two-man engineering crew engaged, is 96% complete.

RS-TQS-462-2 (3) 13 - 13 Miles N. of Rock Springs- North
Length - 14.3 Miles Grading, Gravelling, & Drainage
Contract Let: December 13, 1979
Proceed Order: April 16, 1980
Amount of Contract: $1,697,493.02
Work Not Started

Wickens Bros., Contractor
Lewistown, Montana
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Probable Completion Date: Sept. 30,1980
Effective Opening Date:

RS-TQS-462-2 (3) 13 - 13 Mi. N. of Rock Springs-North, Continued

No work was performed on this project during the past period. To date centerline, right-of-way lines, and levels have been run, culverts staked and slope stakes set on 14.3 miles or 100% complete. None of the contract time has elapsed. Construction layout is 80% complete. The Pre-construction Conference has been scheduled for March 10, 1980 in the Division Office at Miles City. To date the contractor has not advised us when he plans to begin work.

DP-BRS 566-1 (3) 31 - 7 Miles Southwest of Birney
Length - 178.0' Steel & Conc. Bridge
Over Tongue River & Approaches
Contract Let: December 13, 1979
Proceed Order: April 16, 1980
Amount of Contract: $416,037.97
Work Started: February 5, 1980

COP Construction Co., Contractor
Billings, Montana
W.D. Dane, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Probable Completion Date: Sept. 15,1980
Effective Opening Date:

COP Construction Company started work on this project February 5, 1980. Work in progress since that date consisted of constructing work bridge, and embankments at the bridge ends. 135 lineal feet of 10x42 piles, and 115 lineal feet of 12x53 piles have been driven making these items 50% complete. The contractor worked twelve 9-hour shifts during the past period with an average of 6 men employed. The project as a whole is 7% complete with none of the contract elapsed. Construction layout, with a two-man engineering crew engaged, is 20% complete.

SOS 38 (3) - Belle Creek Road (Powder River County)
Gravel Surface 12.5 Miles
Contract Approved: October 5,1978
Estimated Cost: $101,000.00
Work Started: November 28, 1978

Powder River County, Contractor
Broadus, Montana
C.D. Murray, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Actual Completion Date: Sept. 4,1979
Effective Opening Date: July 10,1979

All items were completed in conformance with Plans, Specifications, and Special Provisions September 4, 1979. Formal inspection and acceptance were made September 14, 1979. The Final Estimate is being held in the Division Office pending resolution of funding.

J. B. Randall

Jay B. Randall, P. E.,
Supr.-Div. Constr. Section

JBR:DM:jw

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

FEBRUARY 29, 1980

RECEIVED
MAR 3 1980
CONSTRUCTION BUREAU

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of February 2, 1980 through February 29, 1980.

GENERAL

The temperature varied from 57°F above to 12° below zero with 0.76 inches of precipitation recorded. Roads are in good winter travel condition.

PRECONSTRUCTION

RF 14-2 (01) 75 Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Bridge situation survey was submitted to Helena on 9/19/73. Drainage and Irrigation Notes, including Field Recommendations were submitted to Helena on 7/18/73. Tracing Plan and Profile Linens remain 80% complete. Plotting templates on cross-sections are 100% complete. Sixteen man-days were expended plotting section ties, re-designing connections to P.T.W. for 100% complete; plotting construction limits and preliminary Right-of-Way for 100% complete; designing miscellaneous items for 85% complete. The design as a whole is 40% complete with 125 man-days expended to date.

Two Dot-West: The P.I.H. was held August 31, 1977. P.I.H. changes are 61% complete. The Design as a whole is 68% complete with 337 man-days expended to date. The design has been suspended pending Hydraulics recommendations.

RS 236-1 (01) 49 PN-Lohse Ferry Bridge & Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A five man crew worked fifty-five man-days this reporting period. Work consisted of running centerline from Station 1+84.5 to Station 45+06.0 Bk. 47+48.3 Ah., Referencing points, running bench levels and established bench marks, and ran check levels from Station 0+00 to Station 48+58, and taking cross-sections from Station 1+84.5 to Station 10+00. A Plan-In-Hand meeting was held in the Division

Office and on the project on June 28, 1979. To date 661 man-days have been expended on the location survey.

F 57-2(2) 33 Stanford East & West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Started: 1/31/77
Survey Suspended: 4/6/77
Survey Resumed: 5/19/77

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Three to seven engineering personnel expended 81 man-days the past reporting period completing the project cross-sections, reducing notes, plotting cross-sections and tying county road approaches. Items and percentages of completion are as follows: centerline 100% complete; cross-sections taken 100% complete; bench marks 100% complete; topography 99% complete; hardshell 96% complete; profile 90% complete; drainage areas 18% complete; bridge situations 20% complete; ownerships 100% complete; section ties 0% complete; cross-section notes reduced and checked 90% complete; cross-sections plotted and inked 82% complete. The overall survey is 89% complete with 1,202 man-days expended to date.

F 57-3 (03) 122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/15/72
Survey Started: 11/25/74

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Design Section on March 20, 1979. The Hydraulics data was submitted to Helena on April 11, 1979. Fifteen man-days were expended tracing Plan and Profile Linens, plotting and summerizing summaries, plotting preliminary Right-of-Way and designing drainage and miscellaneous items for 100% complete with 182 man-days expended to date.

F 57-3 (01) 83 Lewistown-East
Approximate Length: 12.6 Miles
Survey Authorized: 6/2/77
Survey Started: 2/5/79

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A four man crew worked eighteen man-days this reporting period. Work consisted of reducing and checking reductions, plotting and checking plotted cross-sections and inking plotted cross-sections from Station 199+00 to Station 271+00. All other items remain as previously reported. Centerline run and levels run and bench marks established from Station 0+00 to Station 281+93.2 for a total of 5.8 miles or 40% complete; cross-sections taken from Station 13+62.0 to Station 271+00 or 38% complete; cross-section notes have been reduced and checked and cross-sections plotted, checked and inked from Station 13+62.0 to Station 271+00 or 35% complete; and elevations run to aerial control points are 40% complete. The project as a whole is 12% complete with 262 man-days expended to date. Crews are now assigned to other projects.

RS 000S(68) Fergus County — Unassigned at this time
Signing Graveled Secondaries
Approximate Length: 45.5 Miles
Survey Authorized:
Survey Started:

No work on this project to date.

RS 000S (69) Judith Basin County — Unassigned at this time
Signing Graveled Secondaries
Approximate Length: 23.2 Miles
Survey Authorized:
Survey Started:

No work on this project to date.

M 7106 (3) Spring Street 8th-11th - Lewistown — HKM Associates
Approximate Length: 1100.0 Feet — Consulting Engineers
Survey Authorized: 12/6/76 — Billings, Montana

Survey and Field Work - 100% complete. Planning and Design - 98% complete.
Utility Plan-In-Hand held June 19, 1979.

M 7109 (1) 4th Avenue - Lewistown — HKM Associates
Approximate Length: 0.4 Miles — Consulting Engineers
Survey Authorized: 9/28/76 — Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete.
Utility Plan-In-Hand held June 19, 1979.

M 7103 (1) Airport Road - Lewistown — Mitch J. Miller
Approximate Length: 1.4 Miles — Designer III
Survey Authorized: 12/6/76 — Lewistown, Montana
Survey Started: 12/12/77 — Telephone: 538-8731
Survey Suspended: 12/16/77
Survey Resumed: 5/9/78

No work on the subject project during this reporting period. Designing miscellaneous items and drainage are all 100% complete; writing preliminary special provisions and computing cost estimate remain 90% complete; computing cost estimates for a revised Typical Section is 100% complete. The design as a whole is 48% complete with 75½ man-days expended to date.

RS 245-1(1) Six Miles Northwest-Jordan — Charles W. Buck
Approximate Length: 8.0 Miles — Field Project Manager
Survey Authorized: 9/28/76 — Lewistown, Montana
Survey Started: 5/1/78 — Telephone: 538-8731

No work performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, sixty-four percent of the R/W 72 Authorizations Forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297-1 (01) 9 Hedgesville-North
Approximate Length: 18.0 Miles
Survey Authorized: 1/31/78
Survey Started:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed this reporting period. A total of seventeen man-days have been expended to date.

F 57-5 (1) 171 Sand Springs-West
Approximate Length: 8.1 Miles
Survey Authorized: 11/20/78
Survey Started: 3/21/79

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Transmittal of field location notes, horizontal and vertical control data was submitted to Division Construction Supervisor, W. S. Strizich, on 5/21/79. Field Survey work began 3/21/79 and was completed 5/18/79 with 202 man-days used to complete the survey.

F 61-3(2)85 Mobridge-South
Slide Correction 2.5 Miles
South Fred Robinson Bridge
Approximate Length: Unknown
Survey Started: 3/14/79

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on the project this reporting period. Additional work will be required as for checking slide control check points, elevation of water level depths and profile of centerline of roadway on a once a month basis. Fifty-eight man-days have been expended to date.

RS 294-1(02)12 Lennep-East and West
Approximate Length: 6.9 Miles
Survey Authorized: 5/24/77
Survey Started: 7/5/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design on 2/28/79. Plotting and inking cross-sections and plotting profile are all 100% complete. Tracing Plan and Profile Linens remains 80% complete. Writing planning report and making cost comparison for rebuild concept versus upgrade concept are 100% complete. The design as a whole remains 14% complete with 53 man-days expended to date.

CONSTRUCTION

F-TQF 57-4(3)130 Winnett-East and West
Grade, Aggregate Surfacing, Plant Mix Bituminous Surfacing
Length: 6.7 Miles
Contract Let: 8/24/78
Work Started: 9/25/78

Earth Builders, Inc.
Bismarck, North Dakota
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 180 Working Days
Probable Compl. Date: 5/15/80
Effective Opening Date: 10/12/79

F-TQF 57-4(3)130 Winnett-East and West . . Continued

The project is on a winter shutdown basis, with no construction work the past reporting period. Construction work is complete with the exception of the following items; Class "DD" Concrete, Seal Coat Operations, Permanent striping and final cleanup of project. The project as a whole is 96% complete with 90% of the calendar days expended. Construction layout is 100% complete with engineering personnel presently assigned to other projects.

F 43-1(03)3 Lewistown-North
Plant Mix Overlay
Contract Let: 1/25/79
Contract Awarded: 2/20/79
Contract Amount: $848,084.80
Work Started: 7/2/79

Earth Builders, Inc.
Bismarck, North Dakota
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Contract Time: 75 Working Days
Probable Compl. Date: 6/15/80
Effective Opening Date: 9/18/79

All items are complete on the project with exception of seal and cover which will be accomplished in the spring of 1980. The project is 88% complete with 98% of the contract time elapsed. Construction layout remains 85% complete with personnel assigned to other projects.

F 14-2(4)42 White Sulphur Springs
0.0 Miles
Cantilever Sign Structure
Contract Let: 2/28/79
Contract Awarded: 3/1/79
Contract Amount: $11,624.00
Work Started: 7/2/79
Work Completed: 8/14/79

Midland Electric Co.
Billings, Montana
Dale DeVore
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 10 Days
Completion Date: 8/14/79
Effective Opening Date: N/A

The project was completed on August 14, 1979. The project was completed using 10 of the 11 allowable working days. Final estimate and supporting data will be submitted to the Division Office March 15, 1980.

SMP 1499-79 Various - Fergus County
Maintenance Stockpiles
Contract Awarded: 2/20/79
Bid Price: $118,700.00
Work Started: 5/2/79

Francis Tindall
Lewistown, Montana
Charles W. Buck
Field Project Manager
Telephone: 538-8731
Contract Time: 50 Working Days
Completion Date: 11/17/79

The project is 100% complete with 95% of the contract working days having been expended. The Final Estimate and all supporting data was submitted to the Lewistown Division Office on January 16, 1980. Final and supporting data to be submitted to the Construction Bureau on March 7, 1980.

F 14-5(1)168 - First Ave. & Main Street - Roundup
Cantilever Sign Structure & Signing
Contract Let: 5/3/79
Contract Awarded: 5/3/79
Contract Amount: $22,283.60
Work Started:

Western Sign Corporation
Great Falls, Montana
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 20 Working Days
Prob. Compl. Date: 5/14/80
Effective Opening Date: N/A

The strain pole shop drawings have been approved, the Change Order has been prepared and is pending approval. Upon approval of the Change Order 14 to 16 weeks will be required for strain pole fabrication. The project is 0% complete with 0% of the contract time elapsed. Construction layout is 40% complete and personnel will be assigned as required.

F 14-4(4)125 Pipe Repairs West of Ryegate
Pipe Repair
Contract Let: 11/29/79
Contract Awarded: 12/6/79
Contract Amount: $75,093.85
Work Started:

Binkerd Construction
Hamilton, Montana
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 75 Working Days
Prob. Compl. Date: 7/1/80
Effective Opening Date: N/A

The tunnel liner installation was completed on 2/27/80 and the contractor is making arrangements for the grouting operation which he hopes to start during the week of 3/3/80. Two to three men are working one eight-hour shift per day five days per week. The project is 28% complete with 0% of the contract time elapsed. Construction layout is 38% complete with one inspector assigned to the project.

SMP 3399-79 Various Counties
Musselshell, Fergus & Yellowstone
Maintenance Stockpiles
Contract Awarded: 10/25/79
Contract Amount: $248,715.00
Work Started: 11/29/79
Work Completed: 2/22/80

Meyer Construction Co.
Billings, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 75 Working Days

Contractor completed crushing and stockpiling Maintenance Stockpiles in Fergus County 12/13/79, Musselshell County 2/11/80 and Yellowstone County 2/22/80. Contractor worked three eight-hour shifts per day crushing and one eight-hour shift per day hauling with seventeen to twenty-four men employed. Fifty working days were expended of the seventy-seven days allotted for contract time. All work is complete except for gravel pit reclamation which will be completed when weather conditions are satisfactory. Five engineering personnel were assigned for inspection and supervision. Final estimate and supporting data will be submitted to Division Office on 2/29/80.

RS 310-2(1) 35 Musselshell-South
Plant Mix, Bituminous Surfacing,Seal & Cover
Contract Let: 1/31/80
Contract Awarded: 2/4/80
Contract Amount: $748,871.60
Proceed to Work Date: 4/16/80
Work Not Started

Meyer Construction Co.
Billings, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 90 Working Days
Probable Comp. Date: 11/1/80

Contract was awarded to Meyer Construction Company on 2/4/80. Proceed to work order has been issued for 4/16/80. Preconstruction Conference has not been set. A four man engineering crew spent two days re-establishing control points and running reference line. Construction Layout is eight percent complete.

BR 9014(6) Wolf Creek Bridge
Contract Awarded: 12/6/79
Contract Amount: $81,168.05
Work Started: 1/21/80

Wickens Bros.
Lewistown, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Probable Compl. Date: 3/10/80

During the month of February the Contractor has worked 16 days striving for an eight hour shift 5 days a week, however cold weather and time sequences for concrete pours to cure have not allowed this type of schedule. Three to six men have been employed in this time period and have prosecuted the work diligently. A general breakdown of items and their completion quantities are as follows: Traffic Control - 1244 units; Mobilization - $8,116.80; Remove Structures - $2,800 for a 40% completion; Temporary Erosion Control 0.0; Concrete - Class "DD" 23.36 cu. yd, a plan overrun of 2.36 cu. yd., due to additional cap widths; Prestressed Beam - Bulbs 4; Structural Steel - L. Sum complete; Structure Excavation 58.4 cu. yd.; Reinforcing Steel - 1,970 lbs. and no work to date on Bridge Rail-Precast, however, it has been delivered to the project. The contract is about 82% complete with remaining work involving backfilling abutments, setting bridge rail and obliteration of the detour road and structure removal. The contract will be running over the set completion date as the fill at the abutments will not be placed until March 5th at the earliest. One man from the Division Engineering forces has been assigned to the project since January 22, 1980.

Respectfully submitted,

W. S. Strizich

W. S. Strizich, P.E., Supervisor
Division Construction Section

WSS:JHP:det

cc: Field Project Manager
Design Section
Lab

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
February 1980

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

PROJECT	LOCATION	LENGTH	TYPE WORK	PERCENT TIME USED	% WORK COMPLETED AND ESTIMATED COMPLETION DATE	CONTRACTOR AND CONTRACT AMOUNT
FLH 7-1(2)	Thompson Pass	12.069	Grading, Surfacing Bridge	90%	95% (6/30/80) (Winter Suspend)	Wickens Bros. $2,652,354.00
FH 59-2(6)	Beartooth Highway	5.119	Grading, Surfacing Bridge	58%	52% (7/30/80)	Hilde Construction Co. $2,794,257.50
FDR-4724,25,26	Miller Creek	13.644	Grading, Aggregate Surfacing	100%+	94% (7/1/80) (Winter Suspend)	L. M. Johnson Inc. $1,579,018.50
GNP RD4-414	Chief Mtn Road & Approach	14.009	Grading, Recycling Surfacing, Bridge	64%	81% (7/1/80) (Winter Suspend)	Peter Kiewit Sons Co. $2,576,434.00
FH 61-1(4)	North Fork Flathead, Big Creek Bridge	0.492	Bridge & Approaches	100%+	69% (5/1/80) (Winter Suspend)	COP Construction Co. $481,200.00
FHP 13-3(3)	Columbia Falls - Glacier Park Highway	0.441	Grade, Surface and Railroad Bridge	63%	71% (6/30/80) (Winter Suspend)	COP Construction Co. $1,404,786.00
OMAD 18-3	Minuteman Missile Roads	56.220	Gravel Surfacing	100%+	69% (6/1/80) (Winter Suspend)	Francis Tindall $934,450.00